

KAUTTER & KELLEY ARCHITECTS
5 Belmont Avenue
Wyomissing, PA 19610

(610)372.9960
www.kautterkelley.com

ADDENDUM #2

TO: Prime Contractors
ATTN: Management and Estimating
FROM: Michael Kautter, AIA
DATE: 11.13.23
PROJECT: 2204 – Reading School District "Red Knight's Keep" Renovation Project
RE: Addendum #02
VIA: Email, Amy Laughlin, amyl@kautterkelley.com

Addendum to Architectural Drawings and Project Manual dated 10.16.23 for construction of the Reading School District "Red Knight's Keep" Renovation Project and related coordination work.

This Addendum forms a part of the Contract Documents. This Addendum supersedes and supplements all portions of the bidding documents with which it conflicts. The General Conditions apply to this Addendum. Costs for items enumerated in this Addendum shall be included in or deleted from the Prime Contractor's base bid, alternate costs, and unit prices as appropriate.

Bidders must acknowledge receipt of this and all other Addendum documentation in the space provided on the Bid Forms and by signing and returning each Addendum document (exclusive of attachments).

ATTACHMENTS

The following documents are included in Bid Addendum #02 for reference:

- 004105 GC Bid Form
- 004315 Warranty Bond
- 004393 Bid Submittal Checklist
- 001102 Revised TOC
- 033543 Polished Concrete Specification
- 093013 Ceramic Tiling Specification
- Drawings:
 - A2.00 R1 dtd: 11.13.23
 - A2.01 Rev2 dtd: 11.13.23
 - A7.00 Rev1 dtd: 11.13.23
 - A7.01 Rev1 dtd: 11.13.23
 - SKA.01 dtd: 11.13.23
 - SKA.02 dtd: 11.13.23

OWNER CONTRACTED MOLD REMEDIATION SCOPE CLARIFICATION AND COORDINATION REQUIREMENTS:

Prior to containment, the HC Contractor will be required to remove the ceiling mounted unit ventilator in Room 05. Under the work of mold remediation, the Remediation Contractor will first be establishing a containment area so as not to distribute any of the mold beyond the construction zone space. The area will be placed under negative pressure which **the Remediation Contractor will then remove all suspended drop ceilings in the work area including all grid work.** From there they will be removing all the spray-on fireproofing within the work area. **Light fixtures will remain and be cleaned and temporarily hung so that the project's Electrical Contractor can remove them following remediation. While removing the spray-on fireproofing they will also be removing all fiberglass pipe insulation which will need to be replaced.** Armaflex or the black foam pipe insulation will be cleaned and remain in the above drop ceiling space. When all the spray on fireproofing has been removed and the mold remediation is complete, the Owner's Environmental Consultant will conduct a final round of satisfactory completion mold air sampling. When air quality has been determined to meet the required standard for occupancy, the Owner's Environmental Consultant will release the space back to the renovation project prime contractors. This work is anticipated to be completed in a two-to-three-week period beginning in mid-December and ending in early January.

CONTRACT DOCUMENT CLARIFICATIONS

GENERAL CLARIFICATIONS:

1. Q: Per the Bid Submittal Checklist, Section 004393, Item B-11, "Attached to the Bid Form: Subcontractor & Supplier Form". No form is included in the specifications, will this be included in the next addendum?
A: This form is included in the specifications under Section 006221 Subcontractor & Major Material Supplier List but as per Addendum #01 is no longer required to be submitted with the bid forms. It is a post award item.
2. Q: In the specifications Section 004525 – Workmen's Compensation Act Affidavit is included in the specifications, but not listed on the Bid Submittal Checklist. Please confirm if this form should be included with the bid forms or is this a post item?
A: This is a post award item.
3. Q: Are you going to be updating the Bidder's Checklist, because the Warranty Form is a post award item?
A: Yes, an updated 004393 Bid Submittal Checklist will be part of Addendum #2.
4. Q: Since the Certificate Regarding Lobbying now needs to be included along with the bid form, will the Bidder's Checklist be updated to reflect all the correct forms that must be included?
A: Yes, an updated 004393 Bid Submittal Checklist will be part of Addendum #2.
5. Q: Are we required to submit a Schedule of Values with the bid? If so, G703 format?
A: Contractors are required to submit a DRAFT (*preliminary*) Schedule of Values at the time of the bid. The revised, final Schedule of Values is required to be submitted 7 days following the issuance of the Notice of Intent to Award. G703 was included with the specifications under Section 004373.
6. Q: The Warranty Bond AIA A313-2020 states a period of 2 years., however, the General conditions AIA A201-2017, issued in Addendum no. 1, paragraph 12.2.2.3.states 'The one year period for correction of work ...'. Please clarify if the warranty period/correction of work period is 1 year or 2 years.
A: The warranty period is one year. A revised Warranty Bid form is included with this addendum.
7. Q: Is GC Unit Price 4 to be per square foot?
A: Yes, the unit is **per square foot** in lieu of cubic yard for *GC Unit Price 4*. A revised GC Bid Form is included with this addendum.
8. Q: Is there an estimated value for this project? Specifically the General Construction portion of the work?
A: We do not have a reliable cost estimate that is up-to-date and responsive to the currently defined scope of work for any of the prime construction work.

9. Q: Do liquidated damages apply to this contract? If so, what is the amount per day?
A: As per AIA A101, Owner Contractor Agreement, Article 4 Contract Sum, Paragraph 4.5 Liquidated damages are in the amount of Five Hundred Dollars (\$500.00) per calendar day.
10. Q: Is Builders Risk by the contractor or the Owner?
A: Reference AIA A201 General Conditions §11.1.5 Property Insurance

GC CLARIFICATIONS:

1. Q: Is an AWI Cert. required?
A: No, AWI Certification is not required – however, knowledge of and conformance w/ AWI definitions and quality standards is required as is identified throughout the specifications.
2. Q: In Kitchenette-03 - Please provide a model # for the adjustable STL wire pantry organizers.
A: Adjustable steel wire pantry organizers are to be Hafele model #540.36.207. Install (5) shelves at each door.
3. Q: Are Shelves required in Rooms 10-Closet, & 11-Food Storage.
A: Yes, shelves are required in Rooms Closet-10 and Food Storage-11 in the configuration shown on Plan 01/A2.01 and as identified by 06/A7.01 and the Finish Schedule for those rooms – typical five shelves per location.
4. Q: In study 12 – it appears to have a countertop-please provide an elevation/details.
A: Study-12 includes furniture by Owner – there is no built-in casework scope in that area by the GC.
5. Q: Please provide a detail for the Wall Mounted Bar Top in the Lounge-02.
A: "Wall Mtd Bar Top" in Lounge-02 is being eliminated from the project scope of work.
6. Q: Please provide an elevation for the Built-In bookcases in lounge -02.
A: Details '10' and '11' have been added to drawing A7.01 to describe Lounge-02 "New Built-in Bookshelf." (refer to dwg attachment)
7. Q: Is there a desk required in Advisor 04, or is this owner provided?
A: The desk in Advisor-04 is furniture by Owner
8. Q: Please confirm the Window height for the required window shades at Rooms 01 and 05.
A: The existing window height at rooms Lounge-02 & Laundry-05 is +/- 6'-2".
9. Q: Who is to provide the Laundry Folding Table? If needed, what are the materials to be?
A: The Laundry folding table is furniture by Owner.
10. Q: Will all of the shelving for Food Storage (11), Closet (10) & Towel Shelves be per detail 6/a7.01?
A: Yes, as identified in the Finish Schedule shelving in Rooms Closet-10, Food Storage-11, and Advisor-04 (Towel shelves) are per detail 06/A7.01
11. Q: Please clarify if there is to be a built-in bookshelf in room Study 12
A: Study-12 includes furniture by Owner – there is no built-in casework scope in that area by the GC.
12. Q: Elevations 13,14,15,16 on A7.00 are missing.
A: Elevation 13-16/A7.00 were omitted.
13. Q: Shower glass panels are to be installed with patch fittings which are door fittings. Please advise if you would like notched clip or channel installation.
A: Install shower glass panels with clips, in the configuration per the Interior Elevations on drawing A7.00.
14. The request made for inclusion of CS Designstep Entrance Carpeting for a walk-off mat substitution is 'rejected' as it is not an acceptable equivalent product to what which is specified.
15. Q: Does the polished concrete require a low, medium, or high gloss finish?
A: Specification Section 003543 Polished Concrete Finishing is included with this addendum.
16. Q: Do you have a polished concrete spec?
A: Specification Section 003543 Polished Concrete Finishing is included with this addendum.

17.Q: What is the size of the walk off mat?

A: The cocoa mat is to be cut to fit floor area at Vestibule-01 landing. Approximate floor area of $\pm 7'-4"$ x $\pm 4'-6"$ (verify in field).

18.Q: The finish schedule calls for CFT-3 on the ceiling of the showers but there is no CFT-3 in the specs. Finish schedule calls for CWT-1 and CWT-2 on shower room walls but elevations don't show any patterns. When you read the specs for CWT-1 & CWT-2 they are calling for blends of 6 different colors.

A: See revised specification section 093013 Ceramic Tile and drawings A7.00, SKA.01 and SKA.02 included with this addendum.

EC CLARIFICATIONS:

1. Q: Please provide the locations of the nearest card access panel and fire alarm panel from the Knight's Keep area.

A: Wiring for card access/cameras/network is by the Owner. The EC is responsible for boxes and pathways(conduit etc). Refer to Electrical legend on Drawing E-2. Card reader symbol states "wiring and devices" for Access control system is by owner. Conduit, boxes and power wiring for door power supply is the scope of work for the E.C. An existing fire alarm panel is located in the mechanical room beside the main electrical room where (MDP115 is located) at the end of the hallway.

END OF ADDENDUM #2

RETURN THE SIGNED SIGNATURE PAGE OF THIS ADDENDUM WITH THE BID FOR CONSTRUCTION

ACCEPTED BY:

CONTRACTOR

DATE

SECTION 004105 BID FORM

RHS RED KNIGHT'S KEEP
FOR **READING SCHOOL DISTRICT**
800 Washington Street
Reading, PA 19602

GENERAL CONSTRUCTION

NAME OF PRIME BIDDER _____

STREET ADDRESS _____

CITY AND STATE _____

TELEPHONE NO _____ DATE _____

EMAIL CONTACT _____

TO: **READING SCHOOL DISTRICT**
800 Washington Street
Reading, PA 19601

This document is submitted in accordance with the **Reading School District – Reading High School Red Knight's Keep - Invitation For Bids**, dated 10.16.23, requesting sealed bids for construction at the Reading High School in Berks County, PA.

Having carefully examined the sites and existing conditions of the project areas affecting the cost of the work, and all Contract Documents and Project Manual including the Invitation for Bids, Instruction to Bidders, the Form of Bid, Drawings, Drawing Notes, Technical Specifications and all other documents bound with this project manual and bid set; having attended the mandatory Pre-Bid Conference; having visited each of the project sites and having examined the buildings; having examined all bulletins (addenda) issued during the Bid Period, all as prepared by the architect and consulting engineers, and being familiar with the various conditions affecting the work, the personnel, labor, materials, tools, temporary facilities and controls requirements, machinery, appurtenances, equipment services (including transportation services), coordination of Owner contracted work, general coordination, City of Reading Department of Code Compliance and Fire Department inspection coordination, and all sequenced or phased construction work, temporary and permanent, necessary to complete the project in accordance with the above listed Contract Documents for fixed sums enumerated on the following pages.

ADDENDA

The Bidder hereby acknowledges receipt of the following Addenda and has prepared this Proposal accordingly:

Addendum No. _____ Addendum No. _____

Addendum No. _____ Addendum No. _____

Addendum No. _____ Addendum No. _____

BASE BID SUMMARY - GENERAL CONSTRUCTION CONTRACT

I agree to execute the Work as specified in the Contract Documents for the amount indicated herein.

TOTAL BASE:

_____ Dollars

\$ _____

UNIT PRICES

The undersigned Bidder agrees to accept an increase or decrease in the contract amount based on quantity differences multiplied by the applicable "Unit Price" for changes in the quantities of materials indicated. The quantity differences shall be based on the difference between information contained in the Contract Documents and actual conditions uncovered or encountered at the site.

GC Unit Prices

	Unit	Unit Price
GC Unit Price 1: Cutting and patching of concrete floor slabs	Per Square Foot	
Description of GC Unit Price 1 Cutting of existing concrete floor slabs up to 6 inches (152 mm) thick, removal and excavation as required, and subsequent backfill, compaction, and patching of concrete according to Section 017300 "Execution." not otherwise indicated in the Contract Documents		

	Unit	Unit Price
GC Unit Price 2: Replacement repair of existing, exposed interior painted CMU (<i>demo, supply and installation of replacement material</i>):	Per Square Foot	
Description of GC Unit Price 2: Selective demolition of damaged wall condition containing painted finish CMU (8" x 8" x16" CMU) and existing mortar joints and replacement with, and repointing of, new CMU cut to match existing coursing and bond pattern according to Sections 042000 "Unit Masonry" and 099123 "Interior Painting."		

	Unit	Unit Price
GC Unit Price 3: Installation and repair of new 1HR rated partition construction to infill and/or conform with existing partition construction, exposed interior <i>abuse resistant</i> <i>GWB</i> wall surface:	Per Square Foot	
Description of GC Unit Price 3: Selective demolition of damaged or incomplete partition condition and replacement with, or infill of, and finishing of, new painted <i>GWB</i> 6" depth (single layer 5/8" <i>GWB</i> ea side – utilizing abuse resistant <i>GWB</i> in all conditions below 8' to finished floor) partition area to match existing according to Sections 092900 "Gypsum Board" and 099123 "Interior Painting".		

	Unit	Unit Price
GC Unit Price 4: Installation repair of new 2HR rated partition construction to infill and/or conform with existing partition construction, exposed interior <i>abuse resistant</i> <i>GWB</i> wall surface:	Per Square Foot	
Description of GC Unit Price 4: Selective demolition of damaged or incomplete partition condition and replacement with, or infill of, and finishing of, new painted <i>GWB</i> ±8" depth (double layer 5/8" <i>GWB</i> ea side - single layer 5/8" abuse resistant <i>GWB</i> in all exposed conditions below 8' to finished floor) partition area to match existing according to Sections 092900 "Gypsum Board" and 099123 "Interior Painting".		

	Unit	Unit Price
GC Unit Price 5: Replacement repair of existing, exposed interior plaster wall surface (<i>prep, supply and installation</i>):	Per Square Foot	
Description of GC Unit Price 5: Selective demolition of damaged plaster wall condition and replacement with, and finishing of, new painted plaster wall area to match existing according to Sections 092900 "Gypsum Board" and 099123 "Interior Painting".		

	Unit	Unit Price
GC Unit Price No. 6: Replacement repair of existing, exposed interior plaster ceiling condition (<i>prep, supply and installation</i>):	Per Square Foot	
Description of GC Unit Price 6: Selective demolition of damaged plaster wall condition and replacement with, and finishing of, new painted plaster wall area to match existing according to Sections 092900 "Gypsum Board" and 099123 "Interior Painting".		

	Unit	Unit Price
GC Unit Price No. 7: Hydraulic cement underlayment (<i>preparation, supply and installation</i>):	Between ½" to 1" thickness and Per Square Foot of surface area	
Description of GC Unit Price 7: Self-leveling, hydraulic-cement-based underlayment, as required, according to Section 035416 "Hydraulic Cement Underlayment," (<i>and when not otherwise indicated as a scope requirement in the Contract Documents</i>).		

	Unit	Unit Price
GC Unit Price No. 8: New primer coat plus 2-coat interior painted finish over interior CMU walls, GWB partitions, soffits, and ceiling areas, (<i>cleaning, preparation, and painted finish</i>):	Per Square Foot	
Description of GC Unit Price 8: Sherwin Williams (<i>basis of design</i>) new 1-coat "Extreme Bond Primer" and 2-coats "Pro Industrial Pre-catalyzed Epoxy in "eg-shel" paint finish (<i>walls, partitions, and vertical surfaces of soffits and bulkheads</i>), and "flat" paint finish (<i>horizontal ceiling areas</i>); as required and according to Section 099123 "Interior Painting," (<i>and not otherwise indicated as a scope requirement in the Contract Documents</i>)		

BASE BID SUMMARY - GENERAL CONSTRUCTION CONTRACTS

In submitting these bids, the Bidder understands that the right is reserved by the Owner to reject any and all bids. If written notice of acceptance of this Bid is mailed, telegraphed or delivered to the undersigned within sixty (60) days after the opening thereof, the undersigned agrees to execute and deliver an agreement in the prescribed form within five (5) days after the Agreement is presented to him for signature.

IDENTIFICATION OF BIDDER

Company _____ Phone _____

Address _____

Please check the appropriate category:

_____ Sole Proprietorship

_____ Partnership

_____ Pennsylvania Corporation

_____ Foreign Corporation Registered in PA

Other: _____

State of Organization: _____

Federal Identification Number: _____

All correspondence and notices to the Bidder related to this Bid and Contract, if awarded, shall be directed to:

Name: _____

Title: _____

Phone: _____

Address: _____

Email Address: _____ +

+Correspondence directed to the following email address shall be deemed received by the Bidder on the date the email was transmitted.

Signatures: The undersigned hereby certifies that this proposal is genuine and not sham, collusive or fraudulent or made in the interest of, or on behalf of, any person, firm or corporation not herein named; and the undersigned has not, directly or indirectly, induced or solicited any bidder to submit a sham bid, or any other person, firm or corporation from bidding and that the undersigned has not, in any manner, sought by collusion to secure for himself any advantage over any other bidder.

SIGNATURES

Witness or Attest:

An Officer, if Bidder is corporation, limited liability company or similar entity, if not, any competent adult

Owner, Partner, or President/Vice President*

* Bidder to circle appropriate term

SECTION 004315 WARRANTY BOND FORM

See attached AIA A313-2020, Warranty Bond



AIA[®]

Document A313™ – 2020

Warranty Bond

CONTRACTOR/PRINCIPAL:
(Name, legal status, and address)

SURETY:
(Name, legal status, and address)

OWNER/OBLIGEE:
(Name, legal status, and address)

Reading School District
800 Washington St
Reading PA 19601

CONSTRUCTION CONTRACT

Date:
Description:
(Name and location)
Reading School District
RHS Red Knight’s Keep
801 N. 13th Street
Reading PA 19604

BOND

Term of the Bond
The Term of this Bond commences on the date of final completion under the Construction Contract and continues for a period of 1 year, unless otherwise specified below, notwithstanding a longer warranty period set forth in the Construction Contract.

Amount of this Bond: \$
Modifications to this Bond: None See Section 16

CONTRACTOR AS PRINCIPAL

Company: *(Corporate Seal)*

SURETY

Company: *(Corporate Seal)*

Signature: _____
Name and
Title:

Signature: _____
Name and
Title:

(Any additional signatures appear on the last page of this Warranty Bond.)

(FOR INFORMATION ONLY — Name, address, and telephone)

AGENT or BROKER:

OWNER’S REPRESENTATIVE:

(Architect, Engineer, or other party:)
KAUTTER & KELLEY ARCHITECTS
5 Belmont Ave
Wyomissing PA 19610

ADDITIONS AND DELETIONS:

The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

§ 1 During the Term of the Bond, the Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner for the Contractor's warranty obligations set forth in the Construction Contract, which is incorporated herein by reference.

§ 2 If the Contractor satisfies its warranty obligations under the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond. It is understood and agreed that in no event shall the Surety's obligations under this Bond extend to warranties provided by the Contractor's suppliers and manufacturers.

§ 3 If there is no Owner Default under the Construction Contract, the Surety's obligation under this Bond shall arise after:

- .1 the Owner first provides notice to the Contractor and the Surety during the Term of the Bond of the Owner's intent to declare a Contractor Default;
- .2 the Contractor fails to remedy the Contractor Default within a reasonable amount of time of such notice; and,
- .3 the Owner declares a Contractor Default and notifies the Surety.

§ 4 Failure on the part of the Owner to comply with the notice requirement in Section 3 shall not constitute a failure to comply with a condition precedent to the Surety's obligations, or release the Surety from its obligations, except to the extent the Surety demonstrates actual prejudice.

§ 5 When the Owner has satisfied the conditions of Section 3, the Surety shall promptly, under reservation of rights, and at the Surety's expense, remedy the Contractor's Default. The Surety may, with the consent of the Owner, arrange for the Contractor to remedy the Contractor's Default.

§ 6 If the Surety does not proceed as provided in Section 5 with reasonable promptness, the Surety shall be deemed to be in default on this Bond seven days after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner.

§ 7 The responsibilities of the Surety to the Owner shall not be greater than those of the Contractor under the Construction Contract, and the responsibilities of the Owner to the Surety shall not be greater than those of the Owner under the Construction Contract. The Surety is obligated, without modification or qualification, for the responsibilities of the Contractor for correction of defective work as set forth in the Construction Contract, and additional legal and design professional costs resulting from the Contractor's Default or resulting from the actions or failure to act of the Surety under Section 5.

§ 8 The Owner may request an extension of the Term of this Bond. The Surety, at its sole option, may extend the Term of this Bond by continuation certificate or rider setting forth the new expiration date.

- .1 If the Surety extends the Term of this Bond, the Bond shall be considered one continuous bond.
- .2 If the Surety decides not to extend the Term of this Bond, then the Surety shall notify the Owner in writing thirty (30) days prior to the end of the current term of this Bond at the address indicated on page 1.
- .3 Neither the Surety's failure to extend the Term of this Bond nor the Contractor's failure to provide a replacement bond or other acceptable security shall be considered a breach or default by the Surety or Contractor on this Bond, nor serve as a basis for a claim or demand on this Bond.

§ 9 The Surety's total liability under this Bond is limited to the Amount of this Bond indicated on Page 1, regardless of whether the Term of this Bond is extended, the length of time this Bond remains in force, and the number of premiums that shall be payable or paid.

§ 10 No right of action shall accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators, successors and assigns.

§ 11 Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the work of the Contractor required by the Construction Contract is located and shall be instituted within two years after a declaration of Contractor Default. If the provisions of this Paragraph are void or

prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

§ 12 Notice to the Surety, the Owner or the Contractor shall be in writing and mailed or delivered to the address shown on the first page of this Bond.

§ 13 Provisions in this Bond that conflict with applicable statutory or other legal requirements shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein.

§ 14 Definitions

§ 14.1 Construction Contract. The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and changes made to the agreement and the Contract Documents.

§ 14.2 Contractor Default. Failure of the Contractor, which has not been remedied or waived, to perform or otherwise to comply with the warranties required under the Construction Contract.

§ 14.3 Owner Default. Failure of the Owner, which has not been remedied or waived, to perform or otherwise comply with the other material terms of the Construction Contract.

§ 14.4 Contract Documents. All the documents that comprise the Construction Contract.

§ 14.5 Surety. The company or companies lawfully authorized to issue surety bonds in the jurisdiction where the project is located.

§ 15 If this Bond is issued for an agreement between a Contractor and subcontractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

§ 16 Modifications to this Bond are as follows:

(Space is provided below for additional signatures of added parties, other than those appearing on the cover page.)

CONTRACTOR AS PRINCIPAL

Company: _____ (Corporate Seal)

Signature: _____
Name and Title: _____
Address: _____

SURETY

Company: _____ (Corporate Seal)

Signature: _____
Name and Title: _____
Address: _____

Additions and Deletions Report for **AIA[®] Document A313™ – 2020**

This Additions and Deletions Report, as defined on page 1 of the associated document, reproduces below all text the author has added to the standard form AIA document in order to complete it, as well as any text the author may have added to or deleted from the original AIA text. Added text is shown underlined. Deleted text is indicated with a horizontal line through the original AIA text.

Note: This Additions and Deletions Report is provided for information purposes only and is not incorporated into or constitute any part of the associated AIA document. This Additions and Deletions Report and its associated document were generated simultaneously by AIA software at 13:51:44 ET on 09/11/2023.

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Reading School District
800 Washington St
Reading PA 19601

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Reading School District
RHS Red Knight's Keep
801 N. 13th Street
Reading PA 19604

...

KAUTTER & KELLEY
ARCHITECTS
5 Belmont Ave
Wyomissing PA 19610

Certification of Document's Authenticity

AIA® Document D401™ – 2003

I, Michael J. Kautter, AIA, hereby certify, to the best of my knowledge, information and belief, that I created the attached final document simultaneously with its associated Additions and Deletions Report and this certification at 13:51:44 ET on 09/11/2023 under Order No. 4104238151 from AIA Contract Documents software and that in preparing the attached final document I made no changes to the original text of AIA® Document A313™ – 2020, Warranty Bond, other than those additions and deletions shown in the associated Additions and Deletions Report.


(Signed)

President, KAUTTER & KELLEY ARCHITECTS
(Title)

09.11.23
(Dated)

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DIVISION 1 - GENERAL REQUIREMENTS

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END OF SECTION 001102

SECTION 004393 - BID SUBMITTAL CHECKLIST

1.1 BID INFORMATION

- A. Bidder: _____.
- B. Prime Contract: _____.
- C. Project Name: Reading School District Reading High School Red Knight's Keep
- D. Project Locations: 801 N. 13th Street, Reading.
- E. Owner: Reading School District.
- F. Architect: **KAUTTER & KELLEY ARCHITECTS, Inc.**
- G. Architect Project Number: 2204
- H. ME Engineer: Consolidated Engineers
- I. ME Engineer Project Number: 22-2892-1

1.2 BIDDER'S CHECKLIST

- A. In an effort to assist the Bidder in properly completing all documentation required, the following checklist is provided for the Bidder's convenience. The Bidder is solely responsible for verifying compliance with bid submittal requirements.
- B. Attach this completed checklist to the outside of the Submittal envelope. Submit (2) copies of each document.
 - 1. Used the Bid Form provided in the Project Manual.
 - 2. Prepared the Bid Form as required by the Instructions to Bidders.
 - 3. Indicated on the Bid Form: Addenda received.
 - 4. Indicated on the Bid Form: Unit Prices.
 - 5. Attached to the Bid Form: Proposed Schedule of Values Form (AIA G703).
 - 6. Attached to the Bid Form: Bid Bond OR a certified check for the amount required.
 - 7. Attached to the Bid Form: Non-Collusion Affidavit of Prime Bidder
 - 8. Attached to the Bid Form: Agreement of Surety
 - 9. Attached to the Bid Form: Statement of Bidder's Qualifications and Financial Disclosure
 - 10. Attached to the Bid Form: Certificate Regarding Lobbying
 - 11. Bid envelope shows name and address of the Bidder.
 - 12. Bid envelope shows the Bidder's Contractor's License Number.
 - 13. Bid envelope shows name of Project being bid.
 - 14. Bid envelope shows name of Prime Contract being bid.
 - 15. Bid envelope shows time and day of Bid Opening.
 - 16. Verified that the Bidder can provide executed Performance Bond and Labor and Material Bond.
 - 17. Verified that the Bidder can provide Supplemental Attachment, AIA Document G715

18. Verified that the Bidder can provide Certificates of Insurance in the amounts indicated.
19. Verified that the contractor along with the Surety will provide completed warranty bonds once awarded the project to guarantee the contractor will provide it upon award.

END OF DOCUMENT 004393

SECTION 033543 - POLISHED CONCRETE FINISHING

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Polished concrete finishing, including staining.
2. Concrete for polished concrete, including concrete materials, mixture design, placement procedures, initial finishing, and curing is specified in Section 033000 "Cast-in-Place Concrete."

B. Related Requirements:

1. Section 033000 "Cast-in-Place Concrete" for concrete not designated as polished concrete.

1.2 DEFINITIONS

- A. Design Reference Sample: Sample designated by Architect in the Contract Documents that reflects acceptable surface quality and appearance of polished concrete.

1.3 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1. Before submitting design mixtures, review concrete design mixture and examine procedures for ensuring quality of concrete materials. Require representatives of each entity directly concerned with polished concrete to attend, including the following:
 - a. Contractor's superintendent.
 - b. Independent testing agency responsible for concrete design mixtures.
 - c. Ready-mix concrete manufacturer.
 - d. Cast-in-place concrete subcontractor.
 - e. Polished concrete finishing Subcontractor.
2. Review curing procedures, construction joints, concrete repair procedures, concrete finishing, and protection of polished concrete.

1.4 ACTION SUBMITTALS

- A. Product Data: For each type of product.

- B. Polishing Schedule: Submit plan showing polished concrete surfaces and schedule of polishing operations for each area of polished concrete before start of polishing operations. Include locations of all joints, including construction joints.
- C. Samples for Initial Selection: For each type of product requiring color selection.

1.5 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer.
- B. Material Certificates: For each of the following, signed by manufacturers:
 - 1. Repair materials.
 - 2. Stain materials.
 - 3. Liquid floor treatments.

1.6 QUALITY ASSURANCE

- A. Field Sample Panels: After approval of verification sample and before casting concrete, produce field sample panels to demonstrate the approved range of selections made under Sample submittals. Produce a minimum of three sets of full-scale panels, approximately **48 by 48 inches (1200 by 1200 mm)** minimum, to demonstrate the expected range of finish, color, and appearance variations.
 - 1. Locate panels as indicated or, if not indicated, as directed by Architect.
 - 2. Maintain field sample panels during construction in an undisturbed condition as a standard for judging the completed Work.
 - 3. Demolish and remove field sample panels when directed.
- B. Mockups: Before casting concrete, build mockups to verify selections made under Sample submittals and to demonstrate typical joints, surface finish, tolerances, and standard of workmanship. Build mockups to comply with the following requirements, using materials indicated for the completed Work:
 - 1. Build mockups in the location and of the size indicated or, if not indicated, as directed by Architect.
 - 2. Demonstrate curing, finishing, and protecting of polished concrete.
 - 3. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.7 FIELD CONDITIONS

- A. Traffic Control: Maintain access for vehicular and pedestrian traffic as required for other construction activities.

PART 2 - PRODUCTS

2.1 STAIN MATERIALS

- A. Penetrating translucent dye concentrate: Basis of Design is ***Scofield Formula One Liquid Dye – Concrete Stain Color Chart A-432*** solvent soluble dye for coloring interior concrete surfaces. Designed for job-site dilution with acetone and penetration into the pores of properly prepared new or old concrete. Color: 3055 “Storm Cloud.” After application, it is to be locked into the concrete with a premium concrete densifier prior to polishing, or sealed with a protective coating.
1. **Manufacturers:** Subject to compliance with requirements, provide products by the following:
 - a. **Scofield, a Business Unit of Sika Corporation.**

2.2 LIQUID FLOOR TREATMENTS

- A. Penetrating Liquid Floor Treatments for Polished Concrete Finish: Clear, waterborne solution of inorganic silicate or silicate materials and proprietary components; odorless; that penetrates, hardens, and is suitable for polished concrete surfaces.
1. **Basis-of-Design Product:** Subject to compliance with requirements, provide **MAPEI Corporation; Prosoco Consolideck – Blended Densifier** or a comparable product approved by Architect by one of the following:
 - a. **ARDEX Americas.**
 - b. **Euclid Chemical Company (The); an RPM company.**
 - c. **Laticrete International, Inc.**
 - d. **MAPEI Corp.**
- B. **Sealer: Liquid protective finish treatment:**
1. **Basis-of-Design Product:** Subject to compliance with requirements, provide **MAPEI Corporation; Prosoco Consolideck – PolishGuard** or a comparable product approved by Architect by one of the following:
 - a. **ARDEX Americas.**
 - b. **Euclid Chemical Company (The); an RPM company.**
 - c. **Laticrete International, Inc.**
 - d. **MAPEI Corp.**

PART 3 - EXECUTION

3.1 POLISHING

- A. Polish: Level 3: High sheen, 800 grit. Establish design reference sample with mockup.

- B. Apply polished concrete finish system to cured and prepared slabs to match accepted mockup.
 - 1. Machine grind floor surfaces to receive polished finishes level and smooth and to depth required to reveal aggregate to match approved mockup.
 - 2. Apply reactive stain for polished concrete in polishing sequence and according to manufacturer's written instructions.
 - 3. Apply penetrating liquid floor treatment for polished concrete in polishing sequence and according to manufacturer's written instructions, allowing recommended drying time between successive coats.
 - 4. Apply penetrating stain for polished concrete in polishing sequence and according to manufacturer's written instructions.
 - 5. Continue polishing with progressively finer-grit diamond polishing pads to gloss level, to match approved mockup.
 - 6. Control and dispose of waste products produced by grinding and polishing operations.
 - 7. Neutralize and clean polished floor surfaces.

3.2 STAINING

- A. Newly placed concrete to be at least 30 days old before staining.
- B. Prepare surfaces according to manufacturer's written instructions and as follows:
 - 1. Clean concrete thoroughly by scraping, applying solvents or stripping agents, sweeping and pressure washing, or scrubbing with a rotary floor machine and detergents recommended by stain manufacturer. Rinse until water is clear and allow surface to dry.
 - a. Do not use acidic solutions to clean surfaces.
 - 2. Grind or open the surface to desired level of aggregate exposure.
 - 3. Remove dust by vacuum.
 - 4. Mix dye and acetone as directed by Mfr.
 - 5. Apply Scofield Formula One Liquid Dye Concentrate mixture – done with acetone resistant low pressure garden sprayer, mop, or brush. Apply in a circular motion to just saturate the surface. Second coat or complimentary colors follow.
 - 6. Allow surface to dry.
 - 7. Remove surplus dye using rotary equipment with stiff bristle brushes or fine honing 800 grit abrasives to remove excess dye and expose desired aggregate surfaces. Remove dust with vacuum.
 - 8. Lock in dye with densifier, sealers/topcoats. Follow application instructions for these specified products listed. Apply 1st coat with spray equipment to avoid lap lines and roller marks.
 - 9. Proceed to polishing.

END OF SECTION 033543

SECTION 093013 - CERAMIC TILING

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Ceramic mosaic tile.
2. Glazed wall tile.
3. Thresholds.
4. Tile backing panels.
5. Crack isolation membranes.

B. Related Requirements:

1. Section 079200 "Joint Sealants" for sealing of expansion, contraction, control, and isolation joints in tile surfaces.
2. Section 092900 "Gypsum Board" for cementitious backer units.

1.2 DEFINITIONS

- A. General: Definitions in the ANSI A108 series of tile installation standards and in ANSI A137.1 apply to Work of this Section unless otherwise specified.
- B. Face Size: Actual tile size, excluding spacer lugs.
- C. Module Size: Actual tile size plus joint width indicated.

1.3 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.
1. Review requirements in ANSI A108.01 for substrates and for preparation by other trades.

1.4 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: Show locations of each type of tile and tile pattern. Show widths, details, and locations of expansion, contraction, control, and isolation joints in tile substrates and finished tile surfaces.
- C. Samples for Verification:

1. Full-size units of each type and composition of tile and for each color and finish required. For ceramic mosaic tile in color blend patterns, provide full sheets of each color blend.
2. Assembled samples mounted on a rigid panel, with grouted joints, for each type and composition of tile and for each color and finish required. Make samples at least **36 inches (900 mm)** square, but not fewer than four tiles. Use grout of type and in color or colors approved for completed Work.
3. Full-size units of each type of trim and accessory for each color and finish required.
4. Stone thresholds in **12-inch (300-mm)** lengths.
5. Metal accessory trim and separation strips in **12-inch (300-mm)** lengths.

1.5 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer.
- B. Master Grade Certificates: For each shipment, type, and composition of tile, signed by tile manufacturer and Installer.
- C. Product Certificates: For each type of product.
- D. Product Test Reports: For tile-setting and -grouting products and certified porcelain tile.

1.6 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials that match and are from same production runs as products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 1. Tile and Trim Units: Furnish quantity of full-size units equal to 5 percent of amount installed for each type, composition, color, pattern, and size indicated.
 2. Grout: Furnish quantity of grout equal to at least 5 percent of amount installed for each type, composition, and color indicated; provide unopened bags and/or containers.

1.7 QUALITY ASSURANCE

- A. Installer Qualifications:
 1. Installer is a Five-Star member of the National Tile Contractors Association or a Trowel of Excellence member of the Tile Contractors' Association of America.
 2. Installer's supervisor for Project holds the International Masonry Institute's Foreman Certification.
 3. Installer employs only Ceramic Tile Education Foundation Certified Installers or installers recognized by the U.S. Department of Labor as Journeyman Tile Layers for Project.
- B. Mockups: Build mockups to verify selections made under Sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.

1. Build mockup of each type of floor tile installation including metal accessory components.
2. Build mockup of each type of wall tile installation including metal accessory components.
3. Subject to compliance with requirements, properly protected approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.8 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store packaged materials in original containers with seals unbroken and labels intact until time of use. Comply with requirements in ANSI A137.1 for labeling tile packages.
- B. Store tile and cementitious materials on elevated platforms, under cover, and in a dry location.
- C. Store aggregates where grading and other required characteristics can be maintained and contamination can be avoided.
- D. Store liquid materials in unopened containers and protected from freezing.

1.9 FIELD CONDITIONS

- A. Environmental Limitations: Do not install tile until construction in spaces is complete and ambient temperature and humidity conditions are maintained at the levels indicated in referenced standards and manufacturer's written instructions.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Source Limitations for Tile: Obtain tile of each type and color or finish from single source or producer.
 1. Obtain tile of each type and color or finish from same production run and of consistent quality in appearance and physical properties for each contiguous area.
- B. Source Limitations for Setting and Grouting Materials: Obtain ingredients of a uniform quality for each mortar, adhesive, and grout component from single manufacturer and each aggregate from single source or producer.
 1. Obtain setting and grouting materials, except for unmodified Portland cement and aggregate, from single manufacturer.
 2. Obtain crack isolation membrane, except for sheet products, from manufacturer of setting and grouting materials.
- C. Source Limitations for Other Products: Obtain each of the following products specified in this Section from a single manufacturer:

1. Stone thresholds.
2. Stainless steel outside corner trim.
3. Crack isolation membrane.
4. Cementitious backer units.

2.2 PRODUCTS, GENERAL

- A. ANSI Ceramic Tile Standard: Provide tile that complies with ANSI A137.1 for types, compositions, and other characteristics indicated.
 1. Provide tile complying with Standard grade requirements unless otherwise indicated.
- B. ANSI Standards for Tile Installation Materials: Provide materials complying with ANSI A108.02, ANSI standards referenced in other Part 2 articles, ANSI standards referenced by TCNA installation methods specified in tile installation schedules, and other requirements specified.
- C. Factory Blending: For tile exhibiting color variations within ranges, blend tile in factory and package so tile units taken from one package show same range in colors as those taken from other packages and match approved Samples.
- D. Mounting: For factory-mounted tile, provide back- or edge-mounted tile assemblies as standard with manufacturer unless otherwise indicated.

2.3 TILE PRODUCTS

- A. Ceramic Tile Type **CFT-1: Glazed Porcelain Floor Tile.**
 1. ***Basis-of-Design Product:*** Subject to compliance with requirements, provide ***Dal-Tile; "Bryne" Glazed Porcelain floor tile*** or comparable product by one of the following:
 - a. American Olean.
 2. Composition: Porcelain.
 3. Certification: Porcelain tile certified by the Porcelain Tile Certification Agency.
 4. Module Size: 12 by 24 inches (30.23 by 60.12 mm).
 5. Thickness: 5/16 inch (7.938 mm).
 6. Face: Pattern of design indicated, with manufacturer's standard edges.
 7. Surface: Smooth.
 8. Dynamic Coefficient of Friction: Not less than 0.42.
 9. Tile Color and Pattern: **"Mist" BR31.**
 10. Grout Color: Medium Gray color (MAPEI "Timberwolf 5104") as selected by Architect from manufacturer's full range.
- B. Ceramic Tile Type **CFT-2: Factory-mounted unglazed ceramic mosaic tile.**
 1. ***Basis-of-Design Product:*** Subject to compliance with requirements, provide ***American Olean; Unglazed Colorbody Porcelain Mosaic*** or comparable product by one of the following:

- a. American Olean; Division of Dal-Tile International Inc.
2. Composition: Porcelain.
3. Certification: Porcelain tile certified by the Porcelain Tile Certification Agency.
4. Module Size: 2 by 2 inches (50.8 by 50.8 mm).
5. Thickness: 1/4 inch (6.4 mm).
6. Face: Solid field color as indicated, with manufacturer's standard edges.
7. Surface: Smooth, without abrasive admixture.
8. Dynamic Coefficient of Friction: Not less than 0.42.
9. Tile Color and Pattern: Color selections as indicated below.

a. **Storm Gray Speckled A06**

10. Grout Color: Dark Gray color (MAPEI "Charcoal 5047") as selected by Architect from manufacturer's full range.
11. Trim Units: Coordinated with sizes and coursing of adjoining flat tile where applicable and matching characteristics of adjoining flat tile. Provide shapes as follows, selected from manufacturer's standard shapes and matching color blend of floor tile:
 - a. Cove Base for Thin-Set Mortar Installations – where abuts wall tile: Build-up Base Number MB-5A, module size 2 by 2 inch (50.8 by 50.8 mm); color to be random medley using D117 D182 and D014 colors .
 - b. Cove Base for Thin-Set Mortar Installations: Build-up Base Number MB-5B, module size 2 by 2 inch (50.8 by 50.8 mm); color to be random medley using D117 D182 and D014 colors .
 - c. External Corners for Thinset Mortar Installations: Surface bullnose, module size 2 by 2 inches (50.8 by 50.8 mm); SC-816.
 - d. Internal Corners for Thinset Mortar Installations: Surface bullnose, module size 2 by 2 inches (50.8 by 50.8 mm); SB-816.
 - e. Other appropriate trim shapes and units from the same collection and color assortment required for complete tile installation.

C. Ceramic Tile Type **CFT-3**: Factory-mounted **unglazed ceramic mosaic tile**.

1. ***Basis-of-Design Product***: Subject to compliance with requirements, provide ***Daltile; Unglazed Colorbody Porcelain Mosaic*** or comparable product by one of the following:
 - a. Daltile; Division of Dal-Tile International Inc.
 - b. Note: CFT-3 is a ceiling application occurring above shower stalls in bathrooms.
2. Composition: Porcelain.
3. Certification: Porcelain tile certified by the Porcelain Tile Certification Agency.
4. Module Size: 2 by 2 inches (50.8 by 50.8 mm).
5. Thickness: 1/4 inch (6.4 mm).
6. Face: Solid field color as indicated, with manufacturer's standard edges.
7. Surface: Smooth, without abrasive admixture.
8. Dynamic Coefficient of Friction: Not less than 0.42.
9. Tile Color and Pattern: Color selections as indicated below.

a. **Arctic White 0190**

10. Grout Color: White color (MAPEI "Moonbeam 5221") as selected by Architect from manufacturer's full range.
11. Trim Units: none required CFT-3.

D. Ceramic Tile Type **CWT-1: Glazed wall tile.**

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
2. Basis-of-Design Product: Subject to compliance with requirements, provide **Daltile; Classic Color Wheel Collection** or comparable product by one of the following:
 - a. American Olean; Division of Dal-Tile International Inc.
3. Module Size: 4 by 12 inches (10.91 by 32.77 cm).
4. Thickness: 5/16 inch (7.9 mm).
5. Face: Pattern of design indicated, with manufacturer's standard edges.
6. Finish: Bright glaze (*gloss*).
7. Tile Color and Pattern: As indicated by manufacturer's designations. Pattern as indicated by elevation drawings.

a. **Random Blend:**

- 1) **10% Biscuit K175**
- 2) **90% Arctic White 0190**

8. Grout Color: White (MAPEI "Moonbeam 5221") as selected by Architect from manufacturer's full range.
9. Trim Units: Coordinated with sizes and coursing of adjoining flat tile where applicable and matching characteristics of adjoining flat tile. Provide shapes as follows, selected from manufacturer's standard shapes:
 - a. External Corners for Thinset Mortar Installations: Schluter Systems 3/8" h 'Rondec' 90° outside corner, satin stainless steel.
 - b. Internal Corners: Field-buttet square corners. For coved base and cap use angle pieces designed to fit with stretcher shapes.
 - c. Other appropriate trim shapes and units from the same collection and color assortment required for complete tile installation.

E. Ceramic Tile Type **CWT-2: Glazed wall tile.**

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
2. Basis-of-Design Product: Subject to compliance with requirements, provide **American Olean; Color Story Collection glazed ceramic tile** or comparable product by one of the following:
 - a. Daltile; Division of Dal-Tile International Inc.
3. Module Size: 4 by 12 inches (10.91 by 32.77 cm).

4. Thickness: 5/16 inch (7.9 mm).
5. Face: Pattern of design indicated, with manufacturer's standard edges.
6. Finish: Bright glaze (*gloss*).
7. Tile Color and Pattern: As indicated by manufacturer's designations. Pattern as indicated by elevation drawings.
 - a. **Random Blend:**
 - 1) **91% Restore 0058**
 - 2) **07% Fresh 0031**
 - 3) **02% Peacock Blue 0084**
8. Grout Color: Light Gray (MAPEI "Sea Salt 5229") as selected by Architect from manufacturer's full range.
9. Trim Units: Coordinated with sizes and coursing of adjoining flat tile where applicable and matching characteristics of adjoining flat tile. Provide shapes as follows, selected from manufacturer's standard shapes:
 - a. External Corners for Thinset Mortar Installations: Schluter Systems 3/8" h 'Rondec' 90° outside corner, satin stainless steel.
 - b. Internal Corners: Field-buttet square corners. For coved base and cap use angle pieces designed to fit with stretcher shapes.
 - c. Other appropriate trim shapes and units from the same collection and color assortment required for complete tile installation.

2.4 THRESHOLDS

- A. General: Fabricate to sizes and profiles indicated or required to provide transition between adjacent floor finishes.
 1. Bevel edges at 1:2 slope, with lower edge of bevel aligned with or up to **1/16 inch (1.5 mm)** above adjacent floor surface. Finish bevel to match top surface of threshold. Limit height of threshold to **1/2 inch (12.7 mm)** or less above adjacent floor surface. Threshold to be 1¼ inch (3 cm) total marble thickness minimum, set into concrete slab.
- B. Marble Thresholds: ASTM C503/C503M, with a minimum abrasion resistance of 10 according to ASTM C1353 or ASTM C241/C241M and with honed finish.
 1. Description:
 - a. Carrara marble: random patterns, fine- to medium-grained white stone with gray veining.

2.5 TILE BACKING PANELS

- A. Cementitious Backer Units: ANSI A118.9 or ASTM C1325, Type A, in maximum lengths available to minimize end-to-end butt joints; refer to Section 092900 "Gypsum Board" for cementitious backer units.

2.6 WATERPROOF MEMBRANES

- A. General: Manufacturer's standard product, selected from the following, that complies with ANSI A118.10 and ANSI A118.12 and is recommended by manufacturer for application indicated. Include reinforcement and accessories recommended by manufacturer.
- B. Waterproof Membrane, Fluid Applied: Liquid-latex rubber or elastomeric polymer with continuous fabric reinforcement.
 - 1. **Basis-of-Design Product:** Subject to compliance with requirements, provide **Mapei Mapelastic AquaDefense premium waterproofing and crack-isolation membrane** or a comparable product by one of the following:
 - a. **Schluter Systems.**
 - b. **Laticrete International.**

2.7 SETTING MATERIALS

- A. Standard Dry-Set Mortar (Thinset): ANSI A118.1.
 - 1. **Basis-of-Design Product:** Subject to compliance with requirements, provide **Schluter Systems L.P ; SET** or a comparable product by one of the following:
 - a. **Bostik, Inc.**
 - b. **H.B. Fuller Construction Products Inc. / TEC.**
 - c. **Laticrete International.**
 - d. **MAPEI Corporation.**
 - 2. For wall applications, provide mortar that complies with requirements for nonsagging mortar in addition to the other requirements in ANSI A118.1.
- B. Modified Dry-Set Mortar (Thinset): ANSI A118.4.
 - 1. **Basis-of-Design Product:** Subject to compliance with requirements, provide **Schluter Systems L.P ; ALL SET** or a comparable product by one of the following:
 - a. **Bostik, Inc.**
 - b. **H.B. Fuller Construction Products Inc. / TEC.**
 - c. **Laticrete International.**
 - d. **MAPEI Corporation.**
 - 2. For wall applications, provide mortar that complies with requirements for nonsagging mortar in addition to the other requirements in ANSI A118.4.

2.8 GROUT MATERIALS

- A. Sand-Portland Cement Grout: ANSI A108.10, consisting of white or gray cement and white or colored aggregate as required to produce color indicated.

B. Standard Cement Grout: ANSI A118.6.

1. **Basis-of-Design Product:** Subject to compliance with requirements, provide **Laticrete International, Inc.**; **LATICRETE PERMACOLOR® Grout** or a comparable product by one of the following:
 - a. **Bostik, Inc.**
 - b. **H.B. Fuller Construction Products Inc. / TEC.**
 - c. **MAPEI Corporation.**

C. High-Performance Tile Grout: ANSI A118.7.

1. **Basis-of-Design Product:** Subject to compliance with requirements, provide **Laticrete International, Inc.**; **LATICRETE PERMACOLOR® Grout** or a comparable product by one of the following:
 - a. **Bostik, Inc.**
 - b. **H.B. Fuller Construction Products Inc. / TEC.**
 - c. **MAPEI Corporation.**

2. Polymer Type:

2.9 MISCELLANEOUS MATERIALS

A. Trowelable Underlayments and Patching Compounds: Latex-modified, portland cement-based formulation provided or approved by manufacturer of tile-setting materials for installations indicated.

B. Accessory Components: stainless steel corner protection trim and composite control joints.

1. **Basis-of-Design Product:** Subject to compliance with requirements, provide **Schluter Systems L.P.**; **ECK-E and DILEX-KSA**; or approved equal.
 - a. Schluter Systems - ECK-E, stainless steel vertical edging; for integrated outside corner protection, satin finish.
 - b. Schluter Systems - DILEX-KSA, 3/8 inch (10 mm) stainless steel and replaceable thermoplastic rubber spacer; for integrated perimeter movement protection, satin finish.

C. Tile Cleaner: A neutral cleaner capable of removing soil and residue without harming tile and grout surfaces, specifically approved for materials and installations indicated by tile and grout manufacturers.

D. Floor Sealer: Manufacturer's standard product for sealing grout joints and that does not change color or appearance of grout.

1. **Basis-of-Design Product:** Subject to compliance with requirements, provide **Laticrete International, Inc.**; **LATICRETE STONETECH® Heavy Duty Grout Sealer** or a comparable product by one of the following:

- a. Custom Building Products.
- b. Sakrete; CRH Americas, Oldcastle APG.
- c. Southern Grouts & Mortars, Inc.

2.10 MIXING MORTARS AND GROUT

- A. Mix mortars and grouts to comply with referenced standards and mortar and grout manufacturers' written instructions.
- B. Add materials, water, and additives in accurate proportions.
- C. Obtain and use type of mixing equipment, mixer speeds, mixing containers, mixing time, and other procedures to produce mortars and grouts of uniform quality with optimum performance characteristics for installations indicated.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions where tile will be installed, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
 1. Verify that substrates for setting tile are firm; dry; clean; free of coatings that are incompatible with tile-setting materials, including curing compounds and other substances that contain soap, wax, oil, or silicone; and comply with flatness tolerances required by ANSI A108.01 for installations indicated.
 2. Verify that concrete substrates for tile floors installed with thinset mortar comply with surface finish requirements in ANSI A108.01 for installations indicated.
 - a. Verify that surfaces that received a steel trowel finish have been mechanically scarified.
 - b. Verify that protrusions, bumps, and ridges have been removed by sanding or grinding.
 3. Verify that installation of grounds, anchors, recessed frames, electrical and mechanical units of work, and similar items located in or behind tile has been completed.
 4. Verify that joints and cracks in tile substrates are coordinated with tile joint locations; if not coordinated, adjust joint locations in consultation with Architect.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Fill cracks, holes, and depressions in concrete substrates for tile floors installed with thinset mortar with trowelable leveling and patching compound specifically recommended by tile-setting material manufacturer.

- B. Where indicated, prepare substrates to receive waterproof membrane by applying a reinforced mortar bed that complies with ANSI A108.1A and is sloped **1/4 inch per foot (1:50)** toward drains.
- C. Blending: For tile exhibiting color variations, verify that tile has been factory blended and packaged so tile units taken from one package show same range of colors as those taken from other packages and match approved Samples. If not factory blended, either return to manufacturer or blend tiles at Project site before installing.

3.3 INSTALLATION OF CERAMIC TILE

- A. Comply with TCNA's "Handbook for Ceramic, Glass, and Stone Tile Installation" for TCNA installation methods specified in tile installation schedules. Comply with parts of the ANSI A108 series "Specifications for Installation of Ceramic Tile" that are referenced in TCNA installation methods, specified in tile installation schedules, and apply to types of setting and grouting materials used.
 - 1. For the following installations, follow procedures in the ANSI A108 series of tile installation standards for providing 95 percent mortar coverage:
 - a. Tile floors in wet areas.
- B. Extend tile work into recesses and under or behind equipment and fixtures to form complete covering without interruptions unless otherwise indicated. Terminate work neatly at obstructions, edges, and corners without disrupting pattern or joint alignments.
- C. Accurately form intersections and returns. Perform cutting and drilling of tile without marring visible surfaces. Carefully grind cut edges of tile abutting trim, finish, or built-in items for straight aligned joints. Fit tile closely to electrical outlets, piping, fixtures, and other penetrations so plates, collars, or covers overlap tile.
- D. Provide manufacturer's standard trim shapes where necessary to eliminate exposed tile edges.
- E. Where accent tile differs in thickness from field tile, vary setting-bed thickness so that tiles are flush.
- F. Jointing Pattern: Lay tile in grid pattern unless otherwise indicated. Lay out tile work and center tile fields in both directions in each space or on each wall area. Lay out tile work to minimize the use of pieces that are less than half of a tile. Provide uniform joint widths unless otherwise indicated.
 - 1. For tile mounted in sheets, make joints between tile sheets same width as joints within tile sheets so joints between sheets are not apparent in finished work.
 - 2. Where adjoining tiles on floor, base, walls, or trim are specified or indicated to be same size, align joints.
 - 3. Where tiles are specified or indicated to be whole integer multiples of adjoining tiles on floor, base, walls, or trim, align joints unless otherwise indicated.
- G. Joint Widths: Unless otherwise indicated, install tile with the following joint widths:

1. Ceramic Mosaic Tile: **1/16 inch (1.6 mm)**.
 2. Glazed Wall Tile: **1/16 inch (1.6 mm)**.
- H. Lay out tile wainscots to dimensions indicated or to next full tile beyond dimensions indicated.
- I. Expansion Joints: Provide expansion joints and other sealant-filled joints, including control, contraction, and isolation joints, where indicated. Form joints during installation of setting materials, mortar beds, and tile. Do not saw-cut joints after installing tiles.
1. Where joints occur in concrete substrates, locate joints in tile surfaces directly above them.
- J. Stone Thresholds: Install stone thresholds in same type of setting bed as adjacent floor unless otherwise indicated.
1. At locations where mortar bed (thickset) would otherwise be exposed above adjacent floor finishes, set thresholds in modified dry-set mortar (thinset).
 2. Do not extend cleavage membrane crack isolation membrane under thresholds set in standard dry-set or modified dry-set mortar. Fill joints between such thresholds and adjoining tile set on cleavage membrane or crack isolation membrane with elastomeric sealant.
- K. Accessory Corner Protection and perimeter control joints: install at locations indicated.
- L. Floor Sealer: Apply floor sealer to grout joints in tile floors and at upturned mosaic tile wall base, according to floor-sealer manufacturer's written instructions. As soon as floor sealer has penetrated grout joints, remove excess sealer and sealer from tile faces by wiping with soft cloth.***

3.4 INSTALLATION OF TILE BACKING PANELS

- A. Install panels and treat joints according to ANSI A108.11 and manufacturer's written instructions for type of application indicated. Use modified dry-set mortar for bonding material unless otherwise directed in manufacturer's written instructions.

3.5 INSTALLATION OF CRACK ISOLATION MEMBRANES

- A. Install crack isolation membrane to comply with ANSI A108.17 and manufacturer's written instructions to produce membrane of uniform thickness that is bonded securely to substrate.
- B. Allow crack isolation membrane to cure before installing tile or setting materials over it.

3.6 ADJUSTING AND CLEANING

- A. Remove and replace tile that is damaged or that does not match adjoining tile. Provide new matching units, installed as specified and in a manner to eliminate evidence of replacement.

- B. Cleaning: On completion of placement and grouting, clean all ceramic tile surfaces so they are free of foreign matter.
 - 1. Remove grout residue from tile as soon as possible.
 - 2. Clean grout smears and haze from tile according to tile and grout manufacturer's written instructions but no sooner than 10 days after installation. Use only cleaners recommended by tile and grout manufacturers and only after determining that cleaners are safe to use by testing on samples of tile and other surfaces to be cleaned. Protect metal surfaces and plumbing fixtures from effects of cleaning. Flush surfaces with clean water before and after cleaning.

3.7 PROTECTION

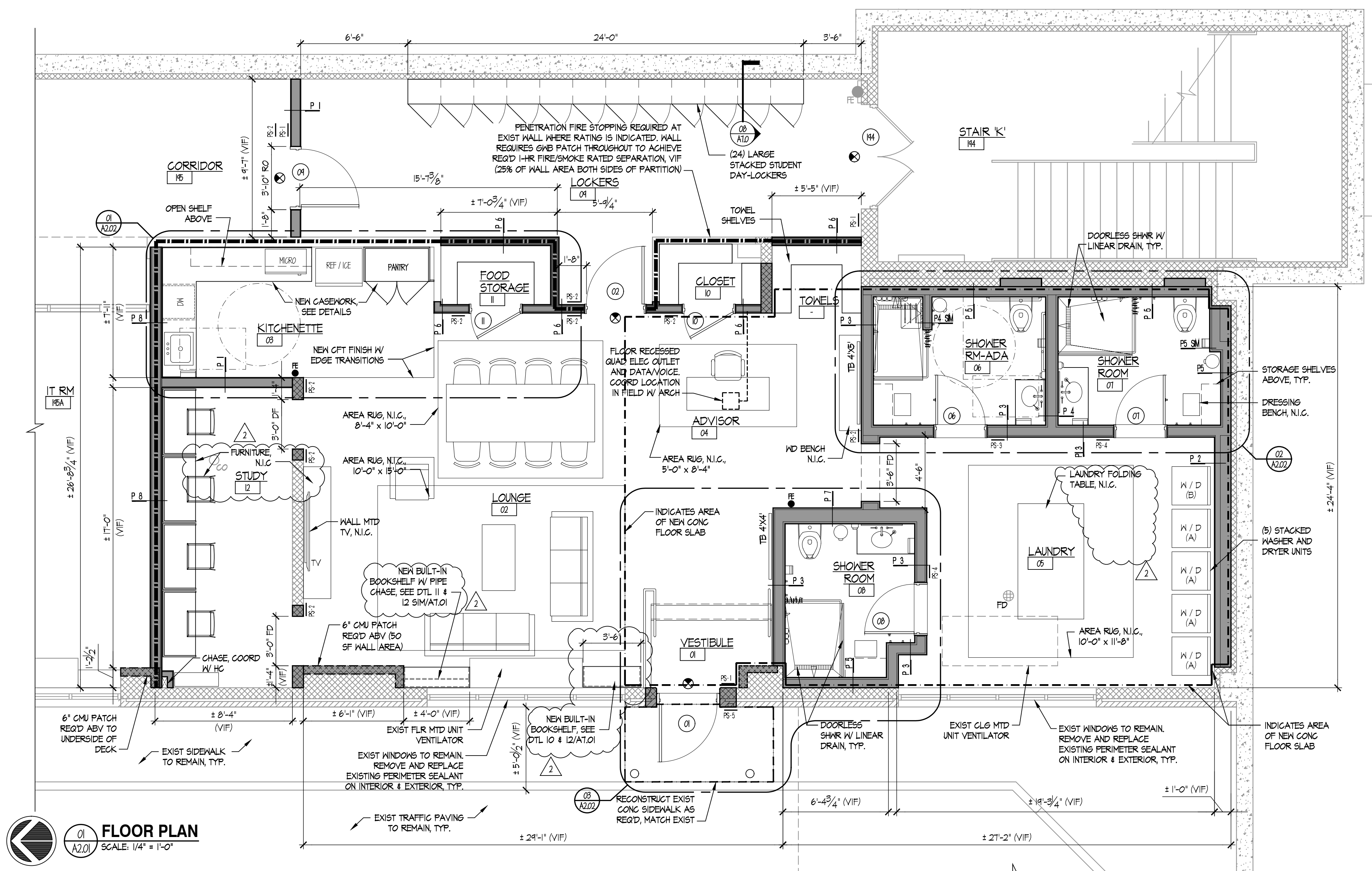
- A. Protect installed tile work with kraft paper or other heavy covering during construction period to prevent staining, damage, and wear. If recommended by tile manufacturer, apply coat of neutral protective cleaner to completed tile walls and floors.
- B. Prohibit foot and wheel traffic from tiled floors for at least seven days after grouting is completed.
- C. Before final inspection, remove protective coverings and rinse neutral protective cleaner from tile surfaces.

3.8 INTERIOR CERAMIC TILE INSTALLATION SCHEDULE

- A. Interior Floor Installations, Concrete Subfloor:
 - 1. Tile Installation F125A: Thin-set mortar on waterproofing and crack isolation membrane; TCA F125A.
 - a. Tile Type: CFT-1.
 - b. Thin-Set Mortar: Latex-portland cement mortar.
 - c. Grout: Polymer-modified sanded grout.
- B. Interior Wall Installations, Masonry or Concrete:
 - 1. Tile Installation W202: Thin-set mortar; TCA W202.
 - a. Tile Type: CWT-1, CWT-2.
 - b. Thin-Set Mortar: Latex-portland cement mortar.
 - c. Grout: Polymer-modified unsanded grout.
- C. Interior Wall Installations, Metal Studs or Furring:
 - 1. Tile Installation W244: Thin-set mortar on cementitious backer units or fiber cement underlayment; TCA W244.
 - a. Tile Type: CWT-1, CWT-2.
 - b. Thin-Set Mortar: Latex-portland cement mortar.

- c. Grout: Polymer-modified unsanded grout.

END OF SECTION 093013



FLOOR PLAN
SCALE: 1/4" = 1'-0"

LEGEND KEY

- EXIST BUILDING ELEMENT TO REMAIN
- EXIST BUILDING ELEMENT TO BE REMOVED
- NEW CONSTRUCTION/BUILDING ELEMENT
- ▭ INDICATES AREA OF NEW PARTITION OR AREA OF REGR. INFILL OR PATCH OF EXISTING PARTITION
- ▬ 1 HR. MIN. FIRE-RESISTANCE RATED PARTITION (SEE DETAILS)
- ⊙ EXIT SIGN
- ⊙ SURFACE MTD FIRE EXTINGUISHER, MIN CLASS 2-A (TYP) COORDINATE LOCATIONS W/ FIRE MARSHAL AND LOCAL CODE OFFICIALS
- ADA CLEARANCE AREA
- ▭ IDENTIFICATION PANEL SIGN (SEE DTLs)
- ▭ PARTITION TYPE (SEE DTL)
- ⊙ (SIZE INCL) VISUAL DISPLAY - TACKBOARD
- ⊙ B.O.D - ARMSTRONG SOUNDSOAK ACOUSTICAL CUSTOM WALL SYSTEMS, 5/8" THK TACKABLE MINERAL FIBER PANELS, SQUARE SCRIM-WRAPPED PTD FINISH, SELECTED BY ARCHITECT. INSTALL W/ Z-CLIPS

- NOTES:**
1. SYMBOLS INDICATED IN GRAY DESIGNATE EXISTING TO REMAIN (TYP).
 2. PROVIDE SOLID BLOCKING FOR MOUNTING OF ALL ACCESSORIES AS REQUIRED.

DRAWING SYMBOL KEY

- ⊙ TELEVISION UNIT, WALL MTD.
- ⊙ W/D (B) STACKED WASHER AND DRYER UNITS
- ⊙ W/D (A) REFRIGERATOR/FREEZER UNIT
- ⊙ W/D (A) ADA COMPLIANT DISHWASHER UNIT
- ⊙ W/D (A) MICROWAVE UNIT

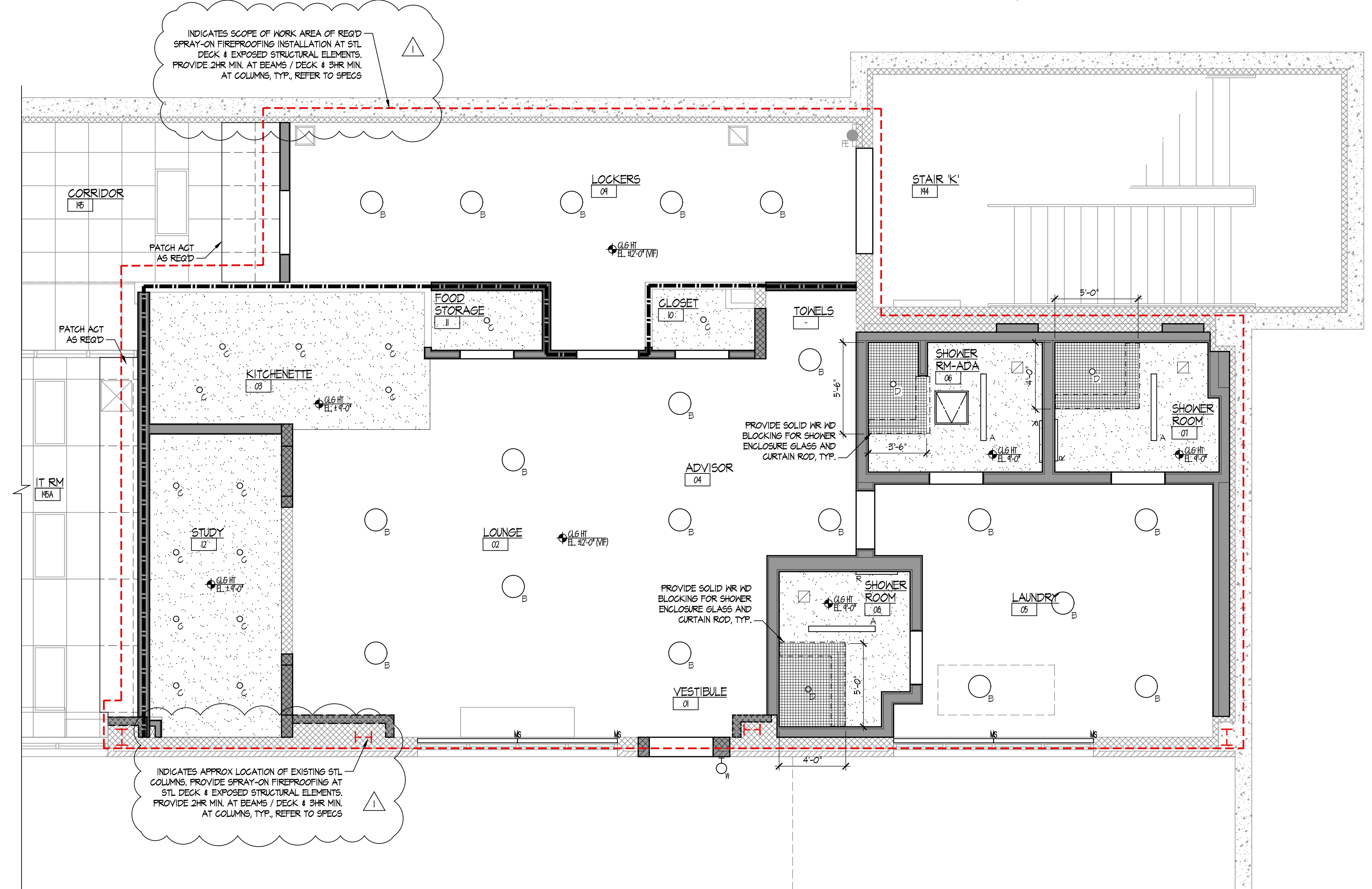
NOTE: APPLIANCE UNITS ARE PROVIDED BY OWNER, INSTALLED BY GC. PLUMBING CONNECTIONS BY PG.

10.31.2023
ADDENDUM #1
11.15.2023 REVISED
ADDENDUM #2

RCP DRAWING SYMBOL KEY

NOTE: COORD WITH ELECTRICAL DRAWINGS.

- ⊙ 6" x 48" RECESSED LED FIXTURE (TYPE A)
- ⊙ SUSPENDED LIGHT FIXTURE (TYPE B)
- ⊙ LED DOWNLIGHT (TYPE C)
- ⊙ LED DOWNLIGHT, NET LOCATION RATED (TYPE D)
- ⊙ MIRROR SURFACE MOUNTED LED FIXTURE (TYPE R)
- ⊙ WALL MOUNTED LED FIXTURE (TYPE W)
- ⊙ LIGHT SWITCH (SEE ELEC DNG)
- ⊙ MANUAL WINDOW SHADE
- ▭ 2X4" ACOUSTICAL CEILING TILE
- ▭ PTD GWS CEILING
- ⊙ 24" x 24" STYLT CEILING ACCESS DOOR, B.O.D - LARSEN'S L-DN-SS-CL-160A STYLT W/ CYLINDER LOCK, SATIN FINISH



REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

PROFESSIONAL SEAL

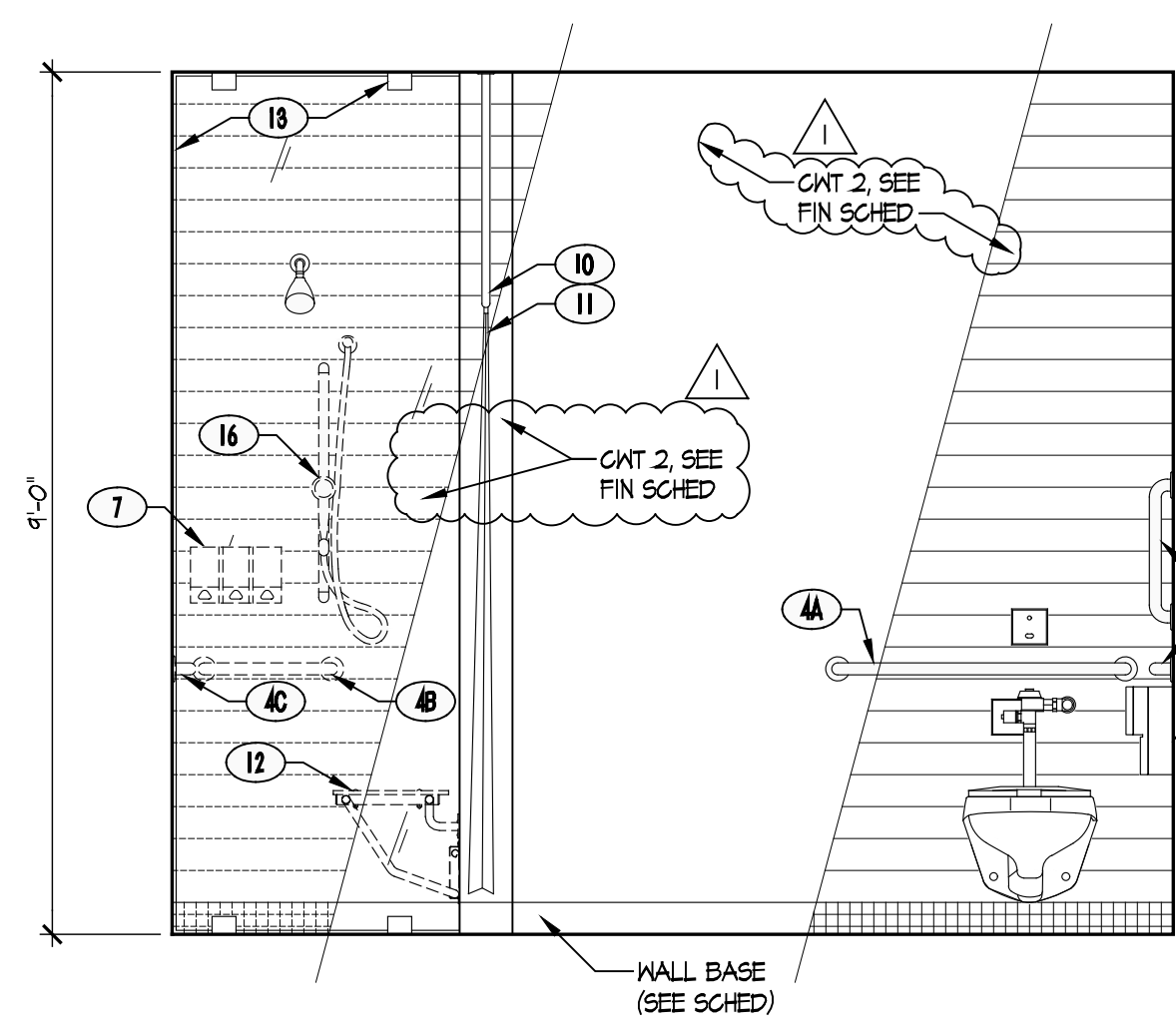
KAUTTER & KELLEY ARCHITECTS
5 Belmont Avenue
Wyomissing, PA 19810
Tel: 610.372.9960
www.kautterkelly.com

RHS RENOVATIONS - RED KNIGHT'S KEEP
READING SCHOOL DISTRICT
800 WASHINGTON STREET
READING, PA 19601

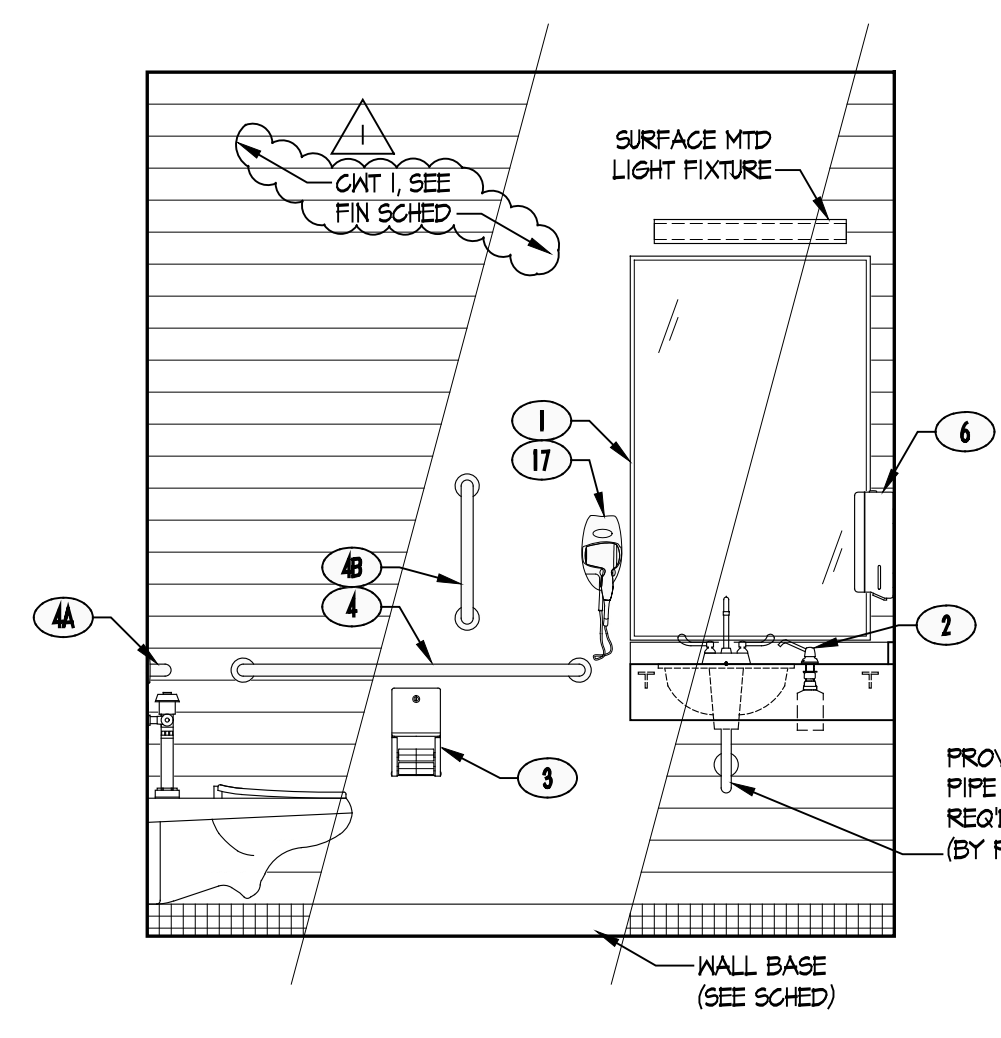
PARTIAL FLOOR & REFLECTED CEILING PLANS

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DATE: 10.16.23
SCALE: AS NOTED

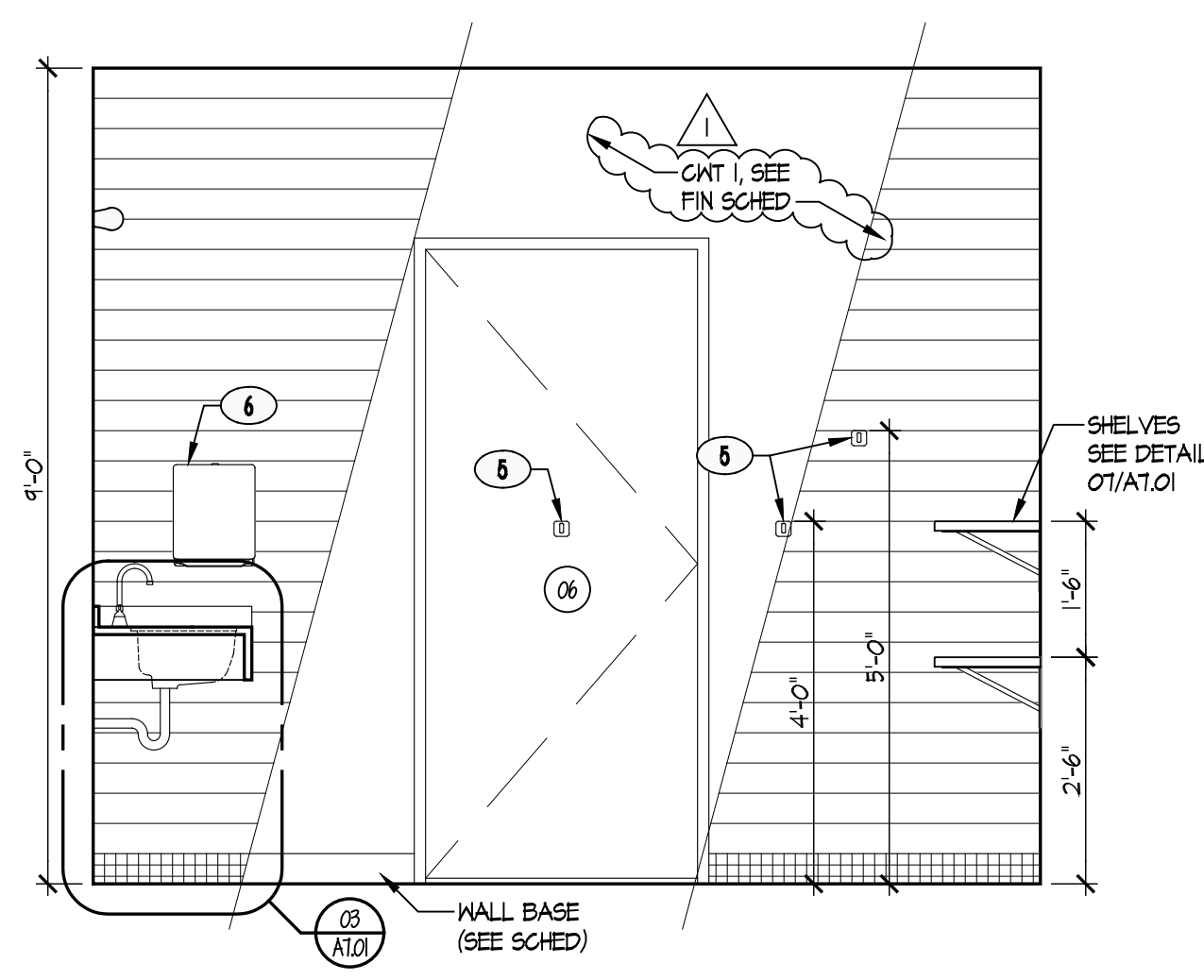
A2.01



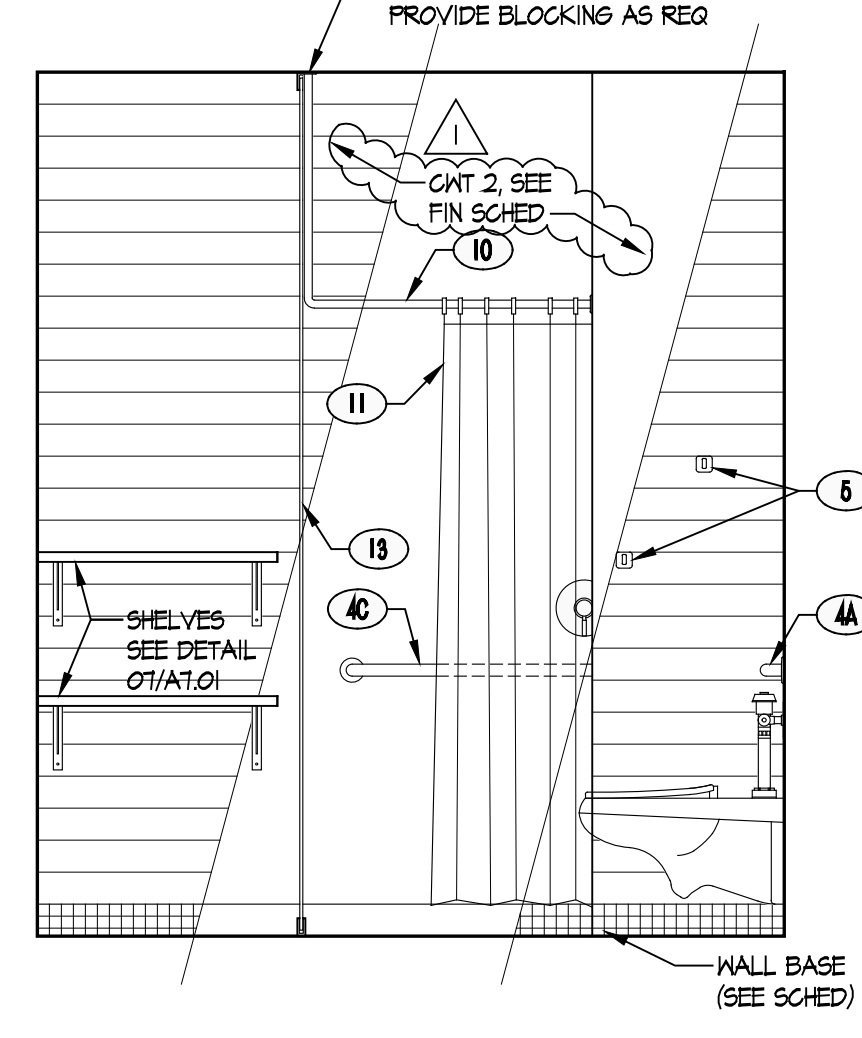
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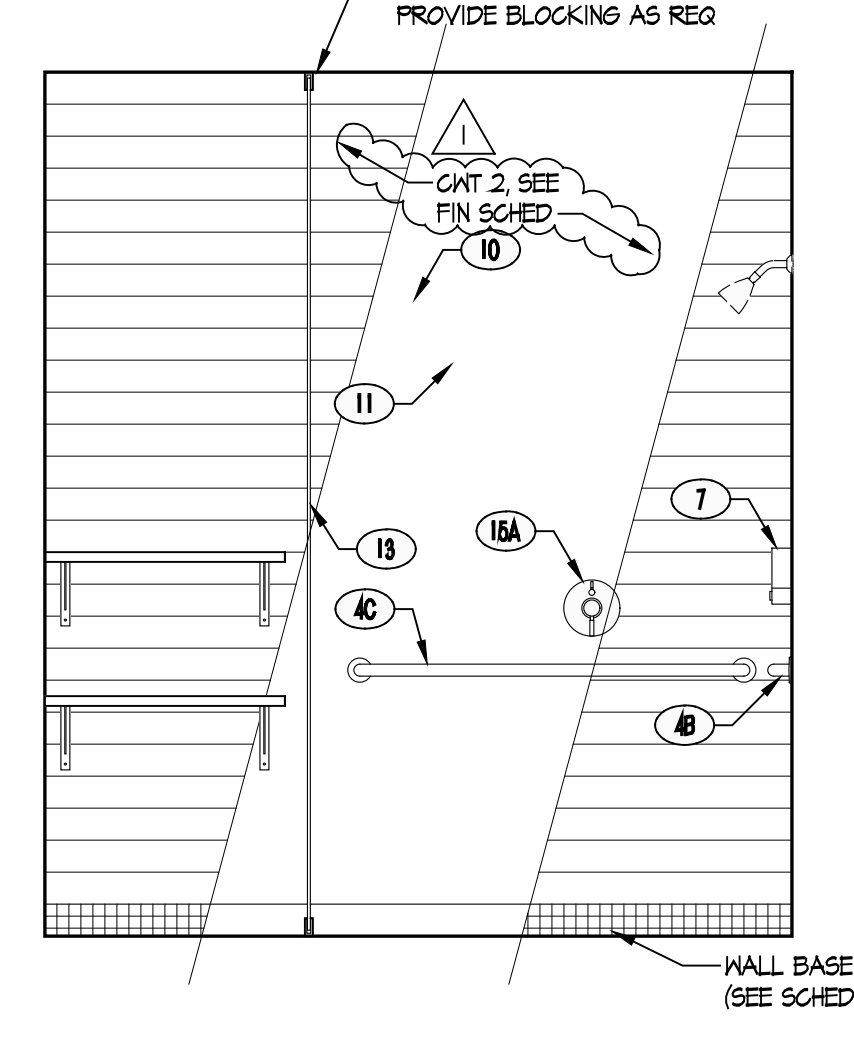
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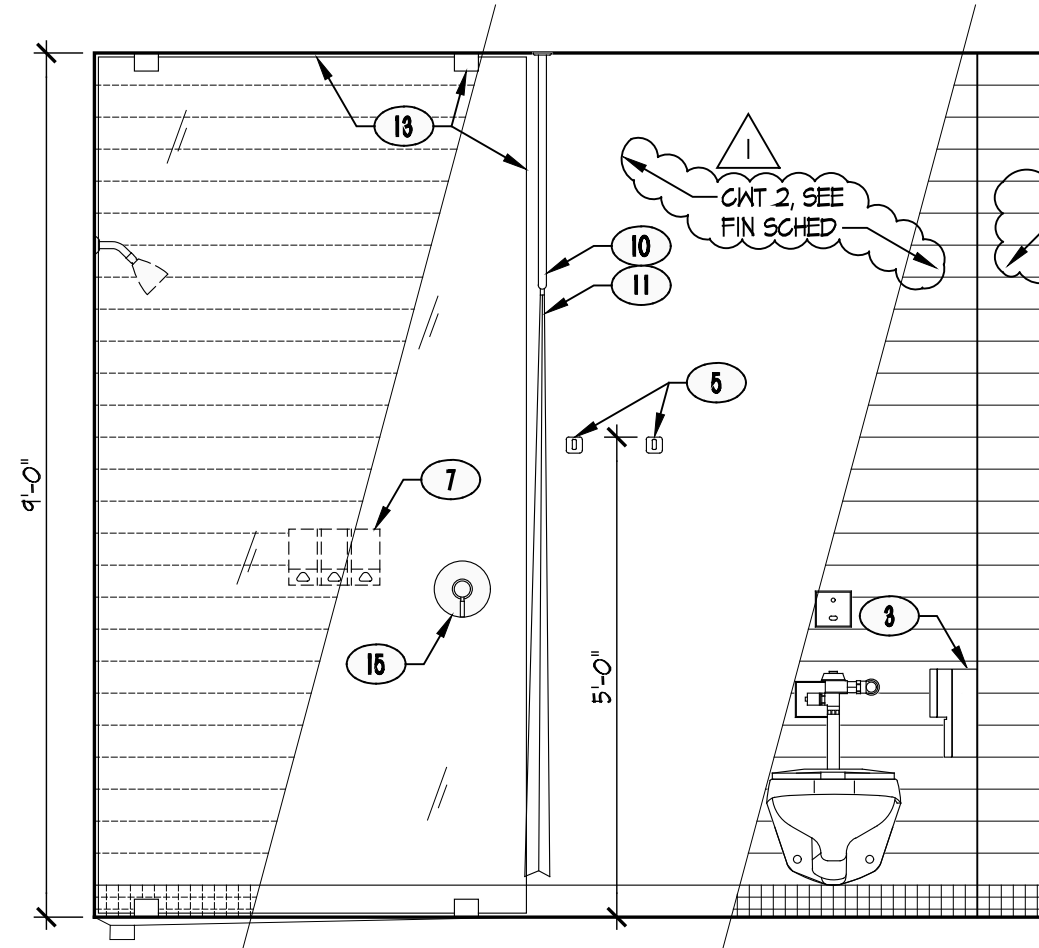
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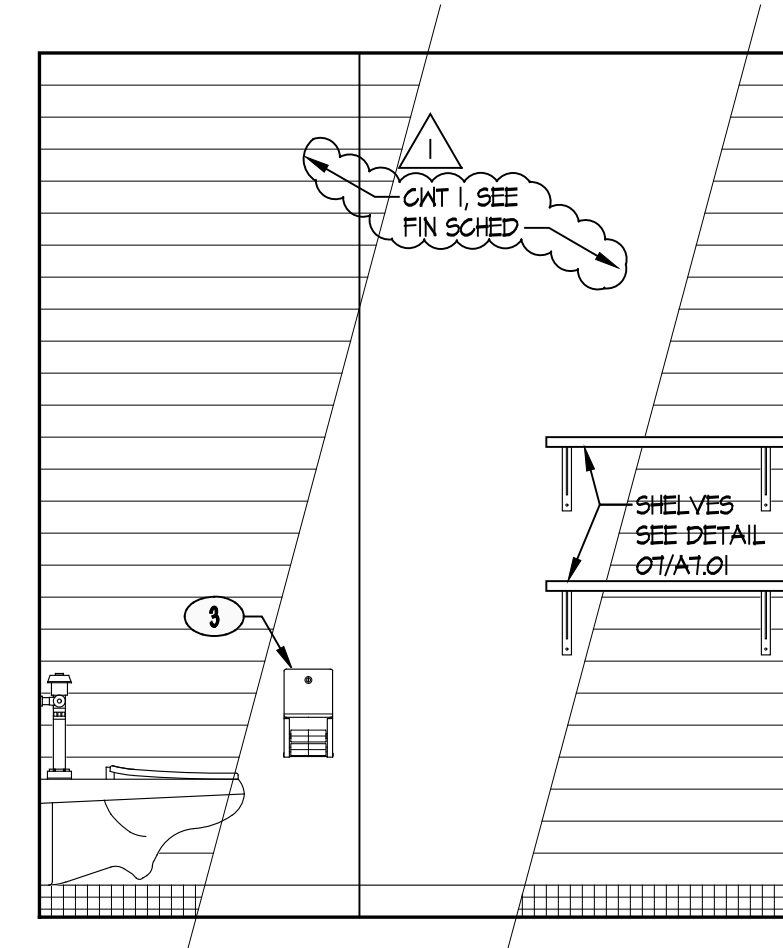
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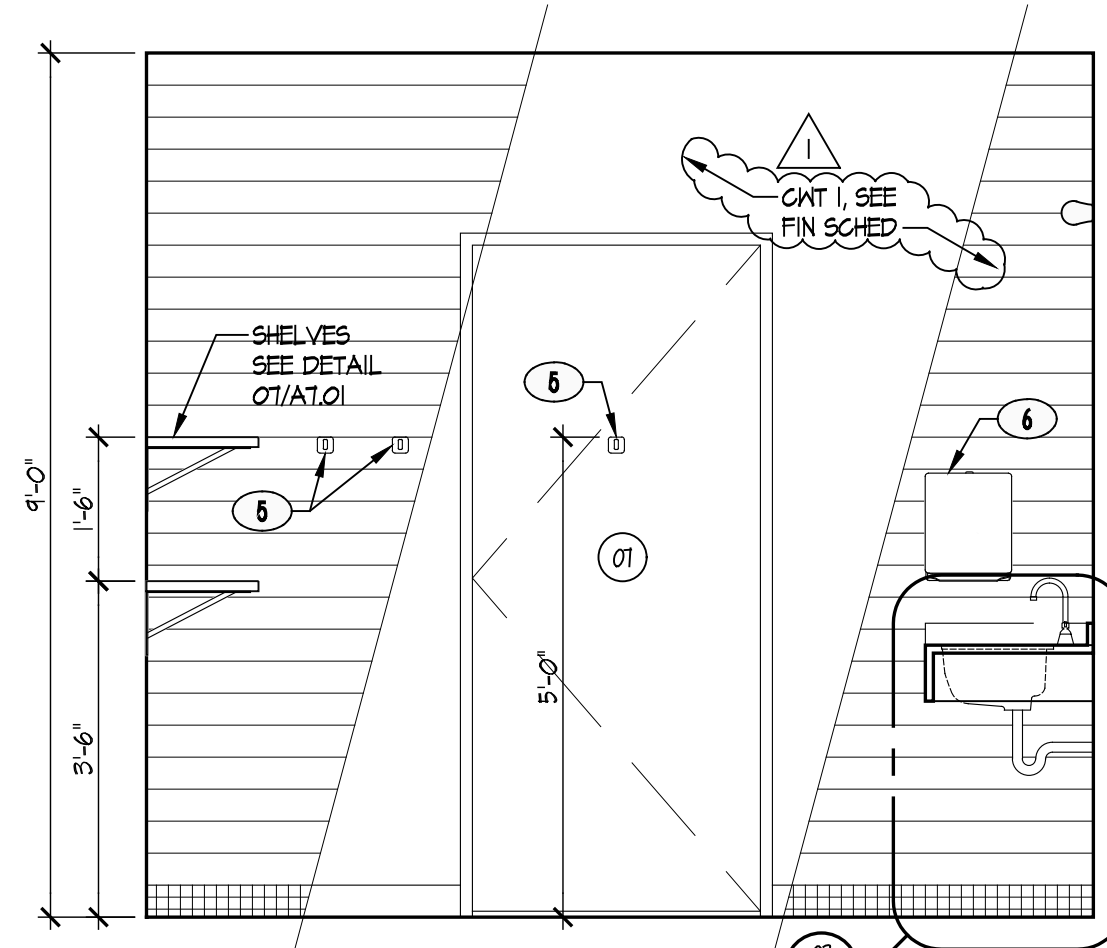
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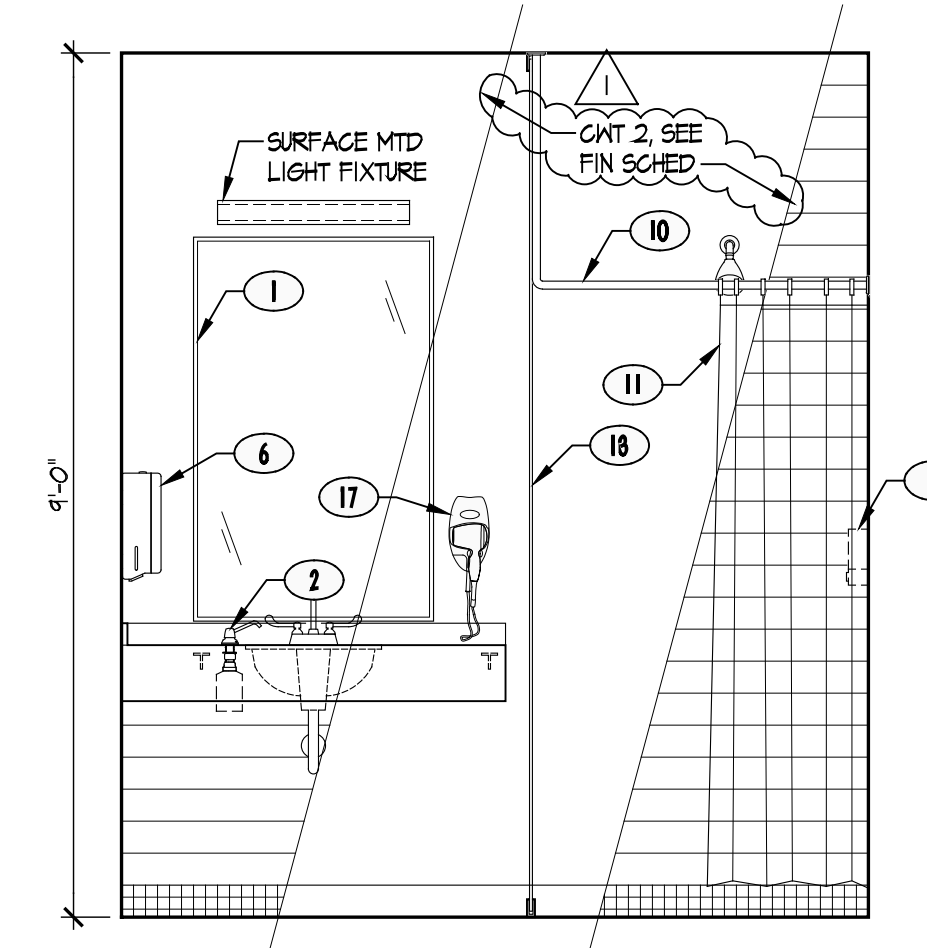
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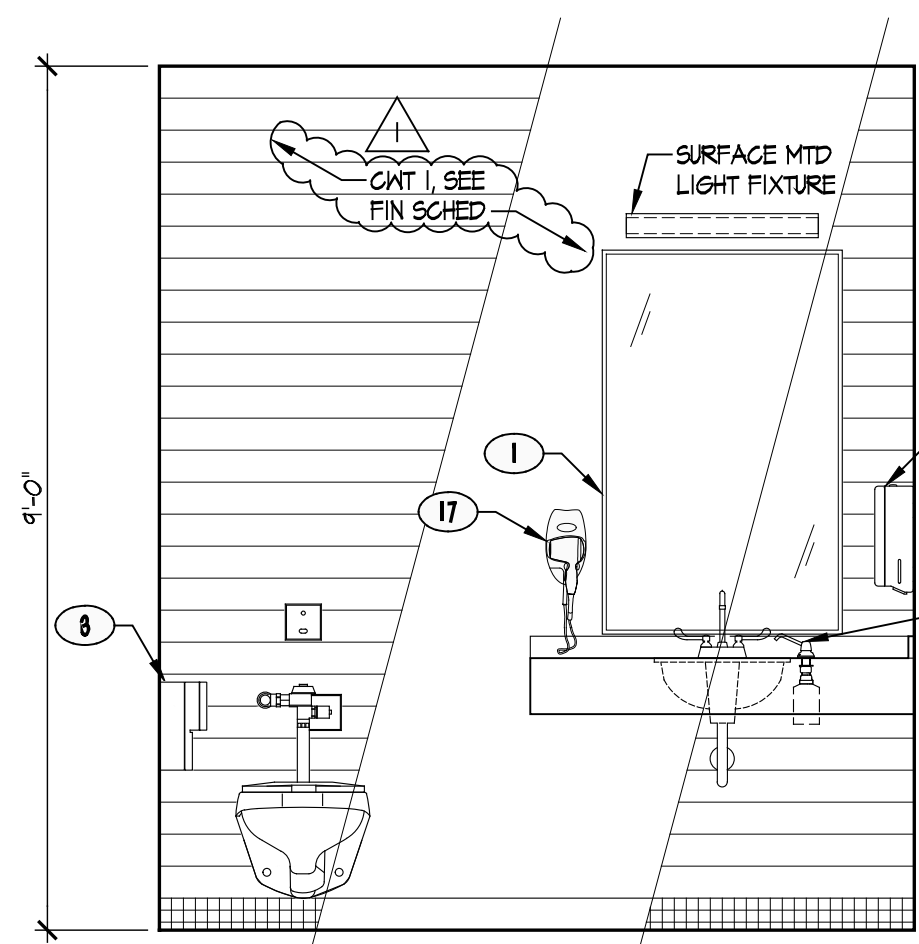
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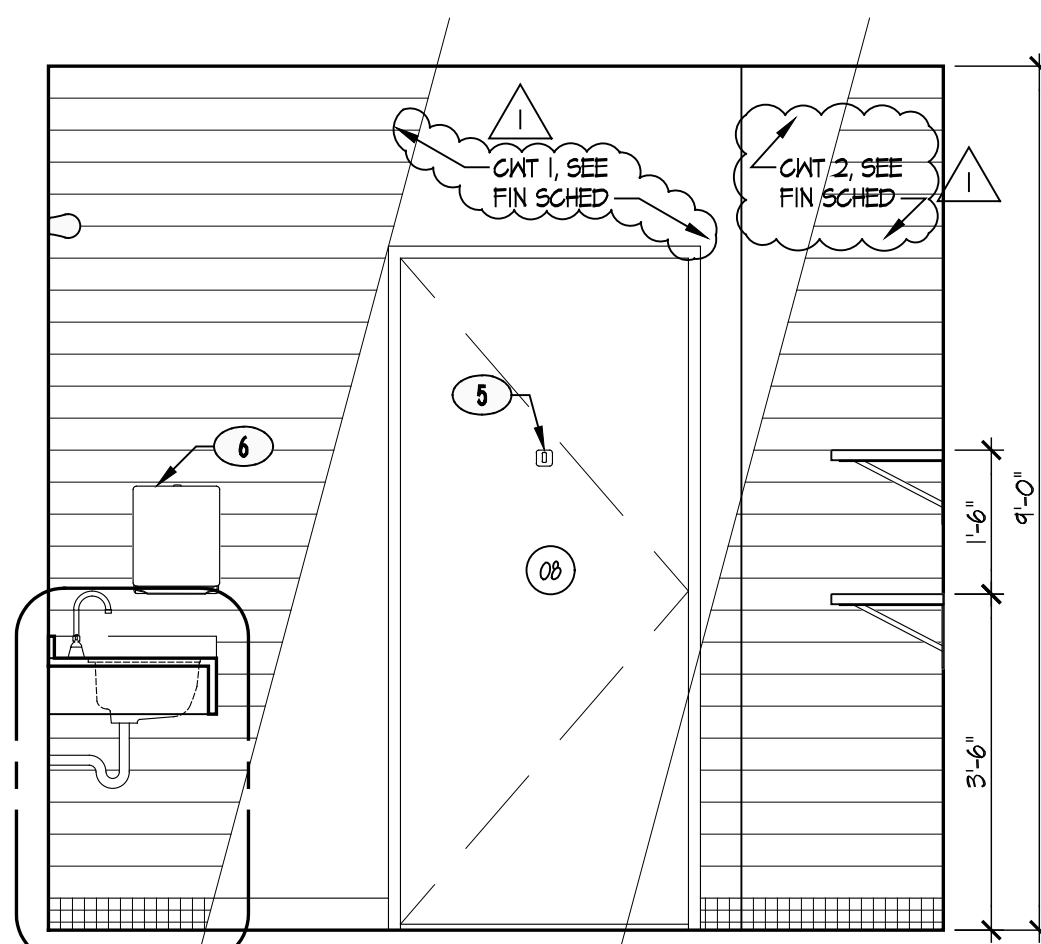
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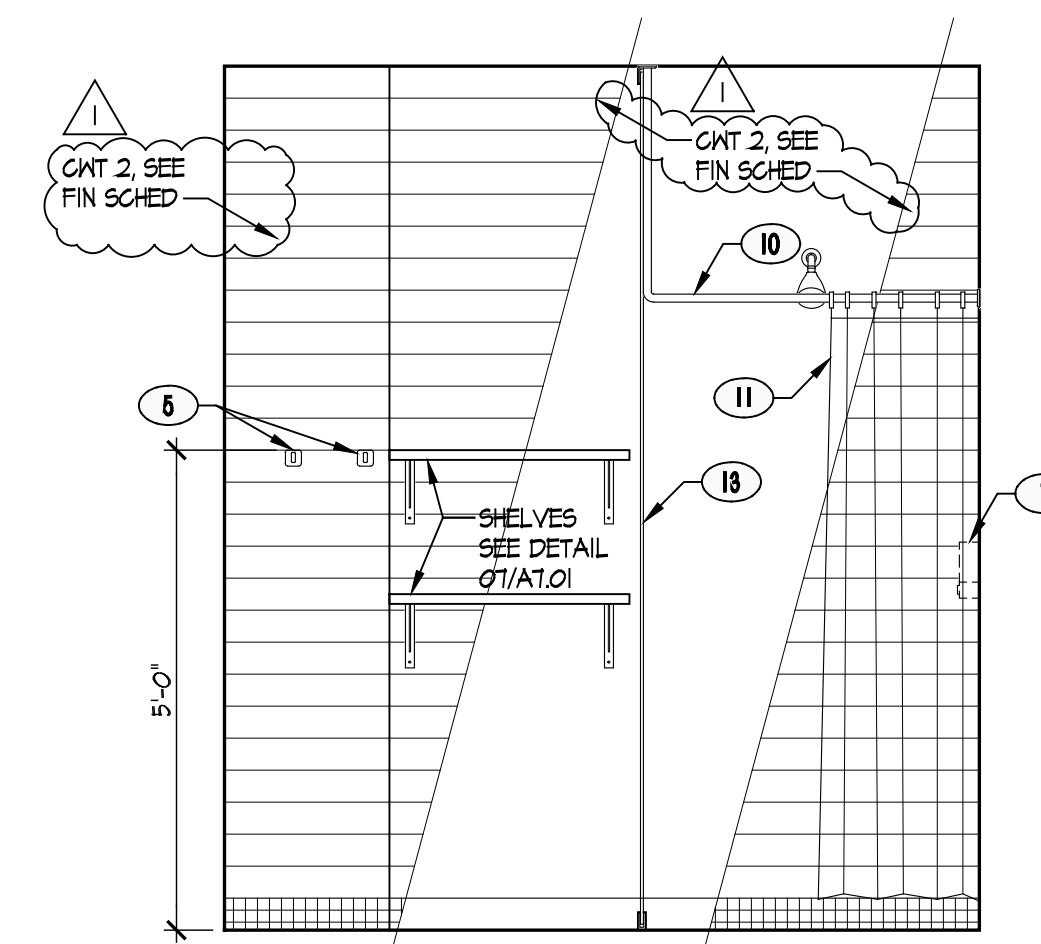
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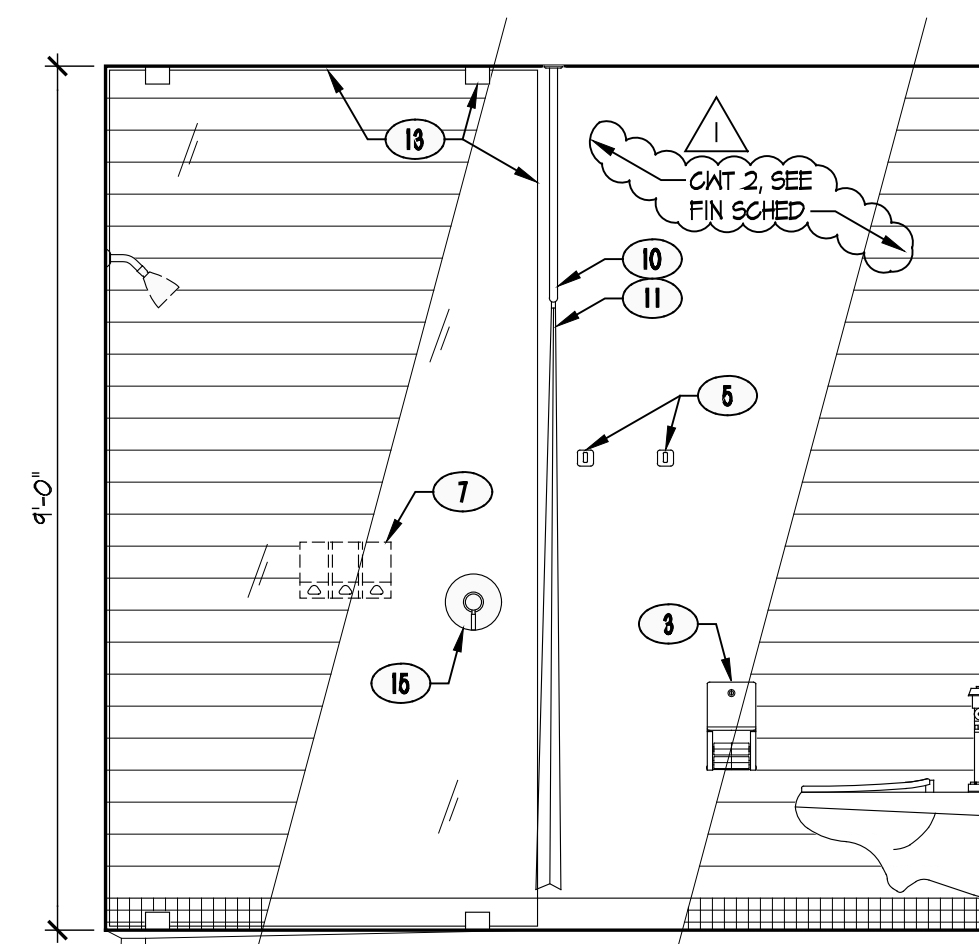
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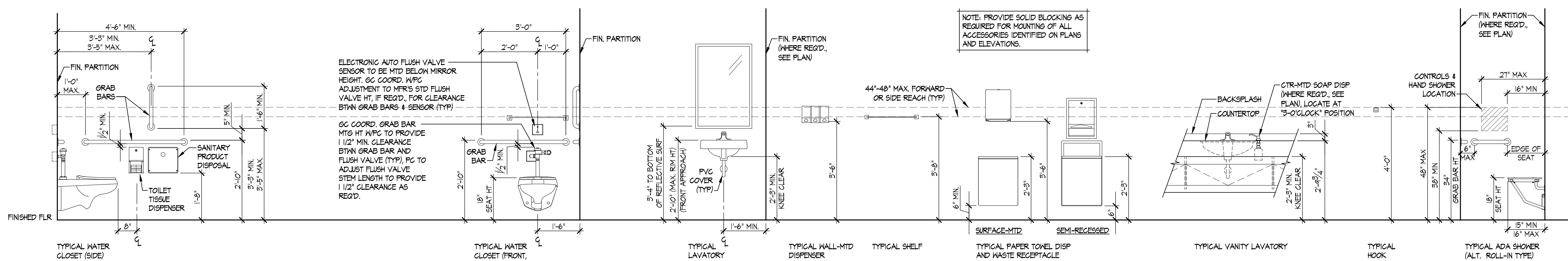
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SCALE: 1/2" = 1'-0"



11 INTERIOR ELEV - SHOWER 08
SCALE: 1/2" = 1'-0"



12 INTERIOR ELEV - SHOWER 08
SCALE: 1/2" = 1'-0"



13 ADA HEIGHT REQUIREMENTS FOR ADULT RESTROOMS
SCALE: 1/2" = 1'-0"

TOILET ROOM ACCESSORY KEY
(SEE SPECIFICATIONS SECTION 102800)

- 1 2'-6" W X 4'-0" H X 1/4" THK LAMINATED GLASS MIRROR W/POLISHED STJTL ANGLE FRAME, BOBRICK B-2504
- 2 MANUAL FOAM SOAP DISPENSER, TOP-FILL, VANDAL-RESISTANT W/ CONCEALED LOCKING (VANITY MTD), BOBRICK B-823 STJTL, CHROME-PLATED
- 3 MULTI-ROLL TOILET PAPER DISPENSER, STJTL, W/ TUMBLER KEY LOCK, (SURFACE MTD), BOBRICK B-4288
- 4 1/2" DIA. X 42" HORIZONTAL GRAB BAR, STJTL, CONCEALED MOUNTING W/ SNAP FLANGE COVER, BOBRICK B-6806 SERIES, SATIN-FINISH
- 5 1/2" DIA. X 36" HORIZONTAL GRAB BAR, STJTL, CONCEALED MOUNTING W/ SNAP FLANGE COVER, BOBRICK B-6806 SERIES, SATIN-FINISH
- 6 1/2" DIA. X 18" VERTICAL GRAB BAR, STJTL, CONCEALED MOUNTING W/ SNAP FLANGE COVER, BOBRICK B-6806 SERIES, SATIN-FINISH
- 7 1/2" DIA. X 48" HORIZONTAL GRAB BAR, STJTL, CONCEALED MOUNTING W/ SNAP FLANGE COVER, BOBRICK B-6806 SERIES, SATIN-FINISH
- 8 DOUBLE COAT HOOK, STJTL, CONCEALED MOUNTING (SURFACE MTD), BOBRICK B-541, SATIN FINISH
- 9 PAPER TOWEL DISPENSER, STJTL, (SURFACE MTD), BOBRICK CONTURASERIES B-4262 W/ TONELMATE TONEL MTD ASSEMBLY, TOP TUMBLER LOCK, SATIN FINISH
- 10 SHOWER SHAMPOO, CONDITIONER, & BODY WASH DISPENSERS W/ TAMPERS RESISTANT LOCKING AND AMENTY LABELS (SURFACE MTD), AVIVA III - 36534, TRANSLUCENT/CHROME FINISH
- 11 NOTE USED
- 12 WASTE RECEPTACLE, 5.5-GAL, STJTL, FRONT STEP (FREE-STAND), RUBBERMAID MEDI-CAN STEP CAN FGH5T95 STJTL
- 13 1"6 x 48" x 60" L-SHAPED CORNER SOLID BRASS SHOWER CURTAIN ROD W/ CEILING SUPPORT AND ROLLER BALL, SHOWER CURTAIN RINGS QTY. OF (12) (SURFACE MTD), SIGNATURE HARDWARE CHROME-PLATED FINISH
- 14 1"6 x 48" x 48" L-SHAPED CORNER SOLID BRASS SHOWER CURTAIN ROD W/ CEILING SUPPORT AND ROLLER BALL, SHOWER CURTAIN RINGS QTY. OF (12) (SURFACE MTD), SIGNATURE HARDWARE CHROME-PLATED FINISH
- 15 VINYL SHOWER CURTAIN (12'x12'H), MOLD, MILDEX, & BACTERIA RESISTANT, HEAVY DUTY, HAMMACHER 50LEINER 84900
- 16 22" W X 15" H D' SOLID PHENOLIC FOLDING SHOWER SEAT W/ STJTL SATIN FINISH FRAME (SURFACE MTD), BOBRICK B-5182
- 17 3/8" THK X 4" O'HT X (3'-0" & 4'-6") L TEMPERED GLASS PANEL W/ TMH PATCH FITTINGS CHROME-PLATED BRASS
- 18 24" LINEAR SHOWER DRAIN ASSEMBLY W/STJTL PERFORATED GRATE, JOSAM MURENA, POLISHED FINISH
- 19 SHOWER CONTROL VALVE AND TRIM, SPEAKMAN NEO SM-1000-P PRESSURE BALANCE SHOWER VALVE & TRIM, POLISH CHROME FINISH
- 20 SHOWER CONTROL, THERMOSTATIC/PRESSURE DIVERTER VALVES AND TRIM, SPEAKMAN OPT-1401 NEO PRESSURE BALANCE DIVERTER VALVE TRIM W/ DIVERTER THERMOSTATIC/PRESSURE VALVES, POLISH CHROME FINISH
- 21 ADJUSTABLE HANDHELD SHOWER W/ 24" SLIDE BAR (SURFACE MTD), SPEAKMAN SM-080-ADA-RED NEO ADA SHOWER CONVERSION, POLISH CHROME FINISH
- 22 HAIR DRYER, HARDWIRED (SURFACE MTD), CONAIR B264 66 TO PROVIDE HAIR DRYER, EC TO INSTALL.

GENERAL NOTES:

1. SEE RESTROOM DETAILS SHEET (A100) FOR ADA FIXTURE & ACCESSORY MOUNTING HEIGHTS
2. PROVIDE SOLID BLOCKING FOR MOUNTING OF ALL ACCESSORIES AS REQUIRED.
3. PROVIDE BULLNOSE TILE UNITS AT EXPOSED EDGES, TYPICAL.
4. COORD. AND PROVIDE RESTROOM ACCESSORIES INDICATED ON ENLARGED PLANS INDICATED ON COVER SHEET
5. SAVE EXIST TOILET PARTITION COMPONENTS AND RESTROOM ACCESSORIES AND RETURN TO OWNER
6. AREAS INDICATED WITH GREY TONE REPRESENT WALL CONDITIONS REQUIRING FINISHED MASONRY PATCH AND REPAIR TO FACILITATE NEW RETORO-FIT DOOR AND FRAME ASSEMBLY INSTALLATIONS. FINISHED MASONRY INCLUDES MATCHING ADJACENT 56GT, BRICK, PAINTED CMU AND PAINTED PLASTER
7. PATCH ANY OTHER ADJACENT HOLES FROM EXISTING CONDITIONS IN ADDITION TO HOLES CREATED BY DEMO & CONSTRUCTION.

11/3/2023
ADDENDUM #2

PROFESSIONAL SEAL

KAUTTER & KELLEY ARCHITECTS
5 Belmont Avenue
Wyomissing, PA 19810
Tel: 610.372.9980
www.kautterkelley.com

RHS RENOVATIONS - RED KNIGHT'S KEEP
READING SCHOOL DISTRICT
800 WASHINGTON STREET
READING, PA 19601

INTERIOR ELEVATIONS
RESTROOMS

PROJ. NO.: 2204

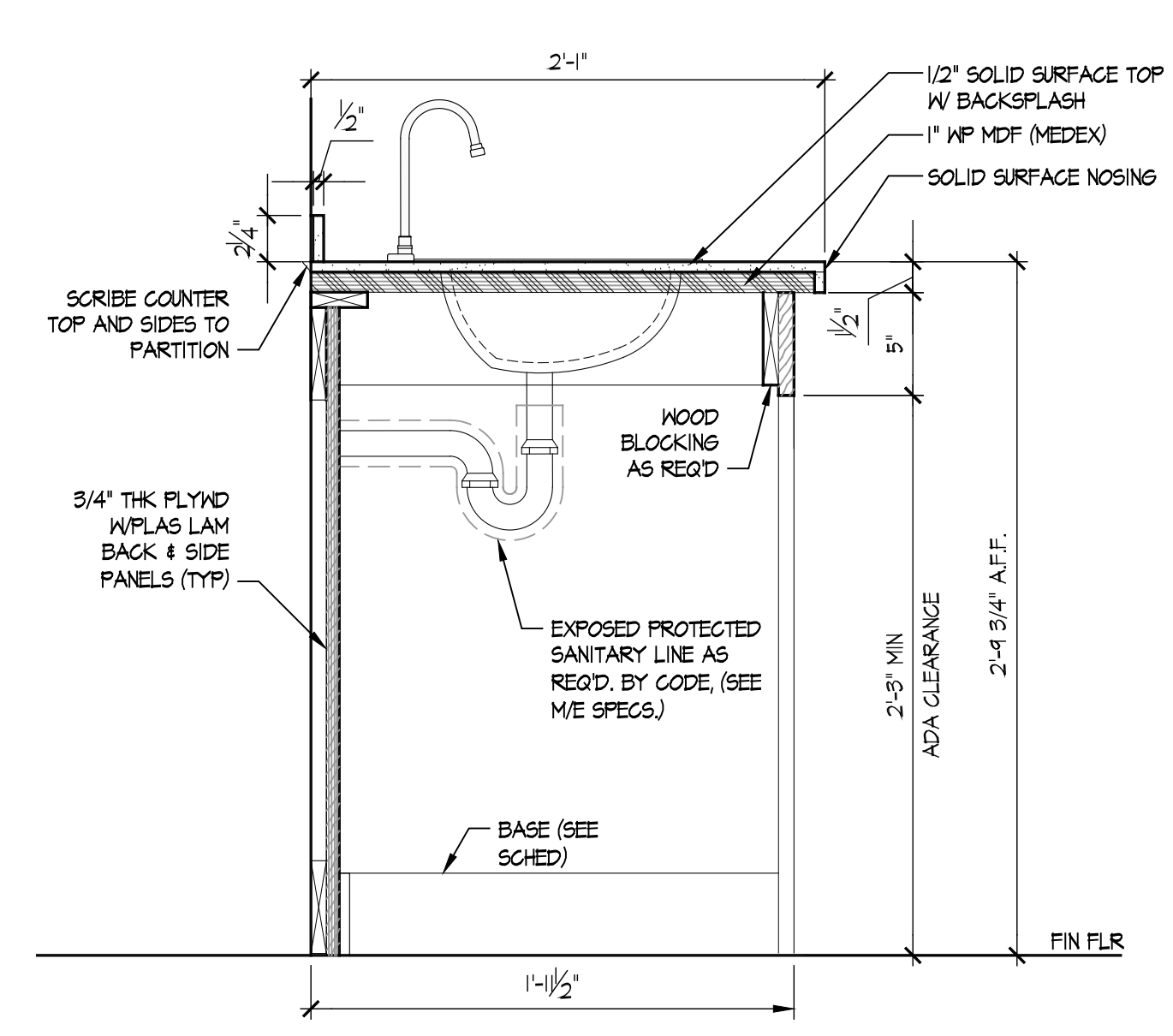
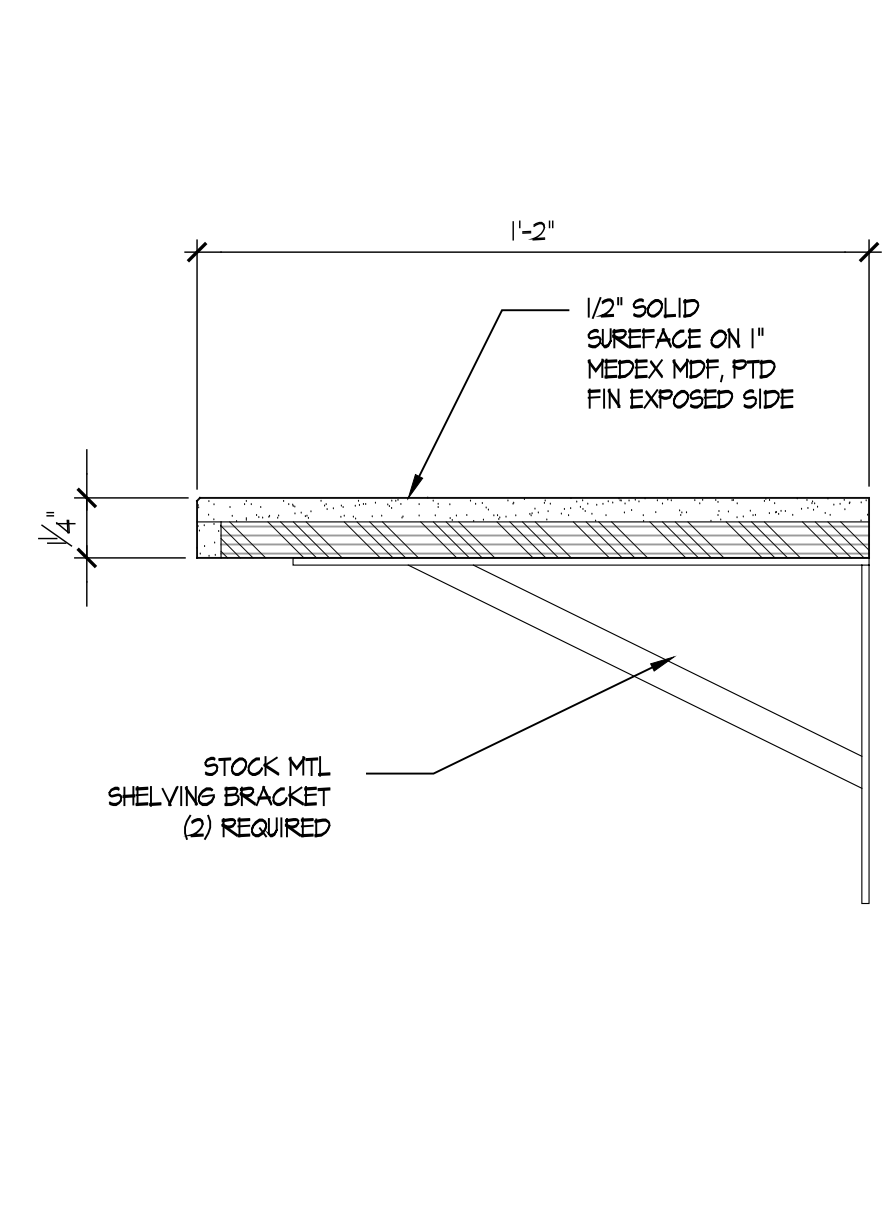
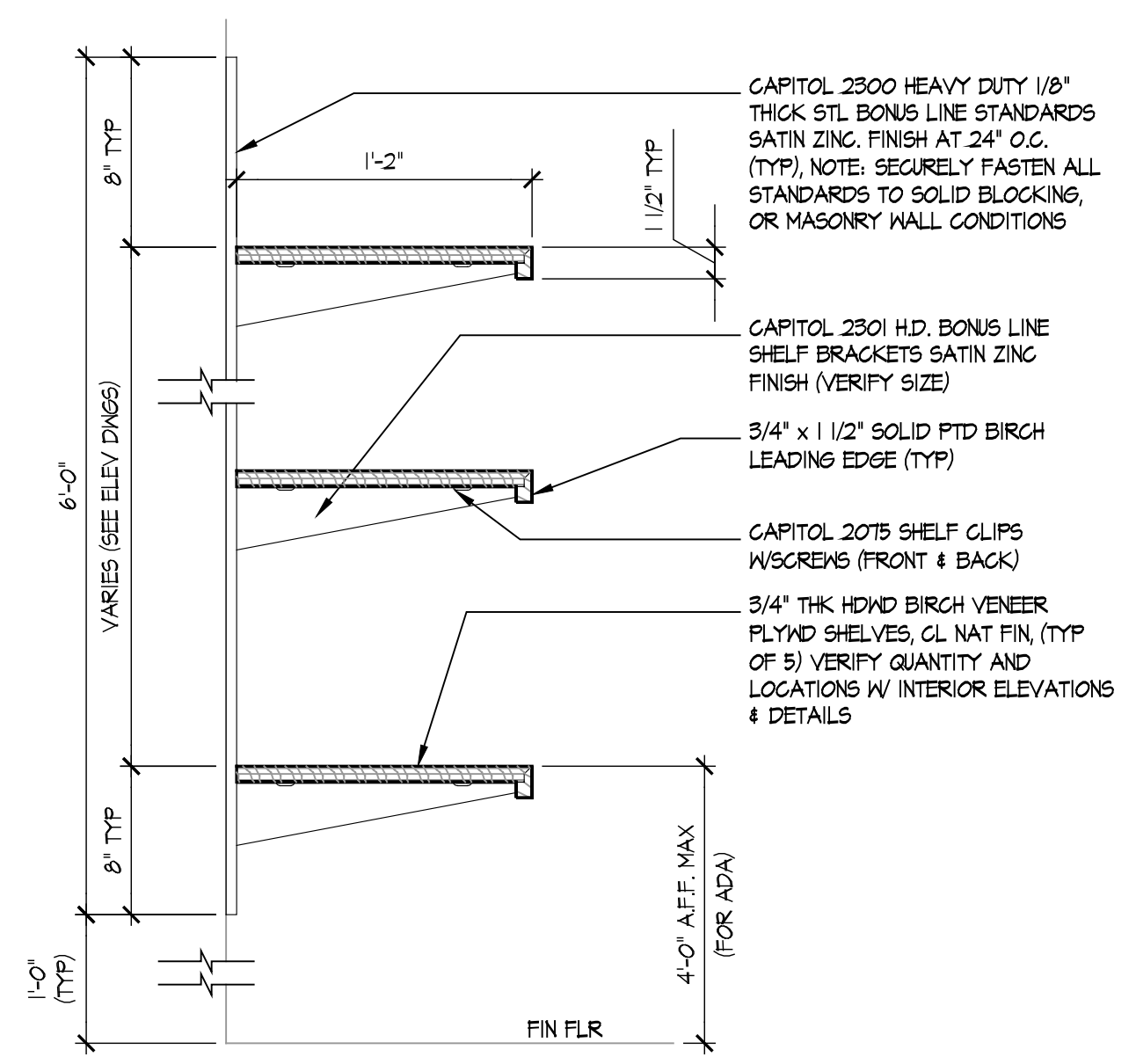
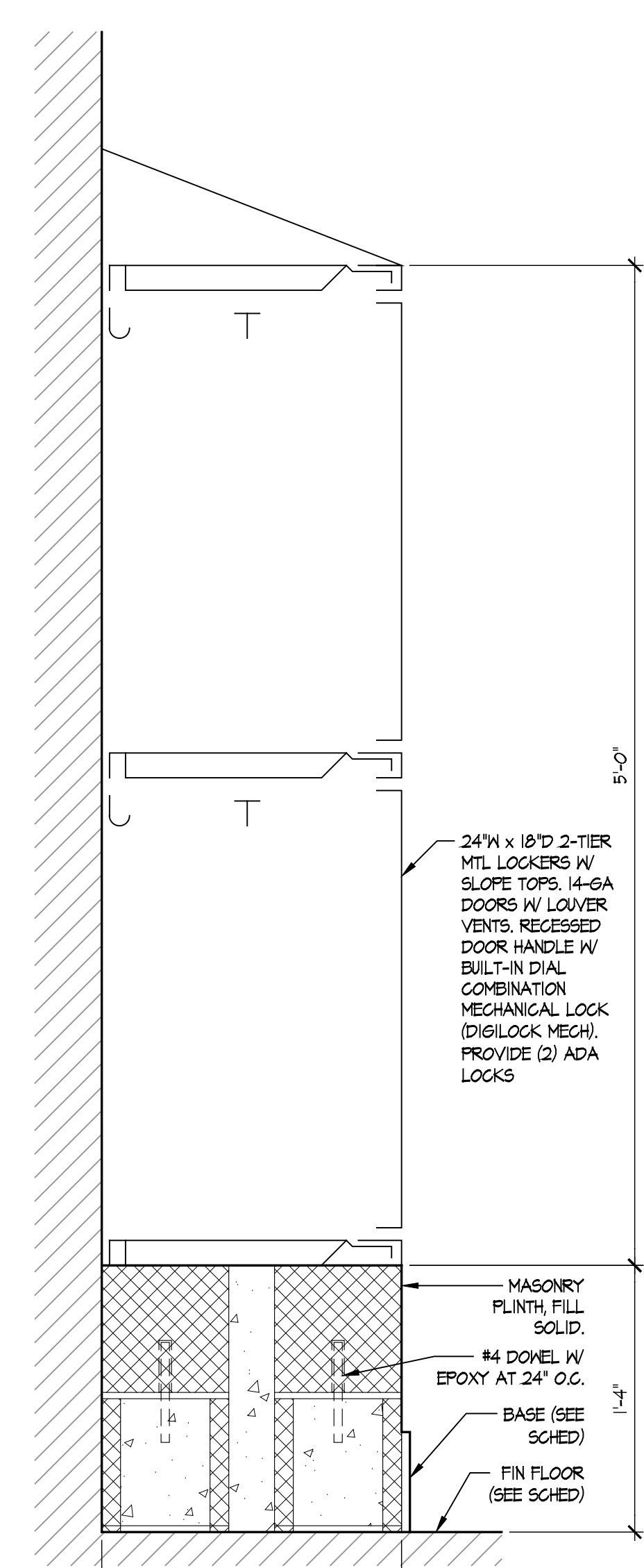
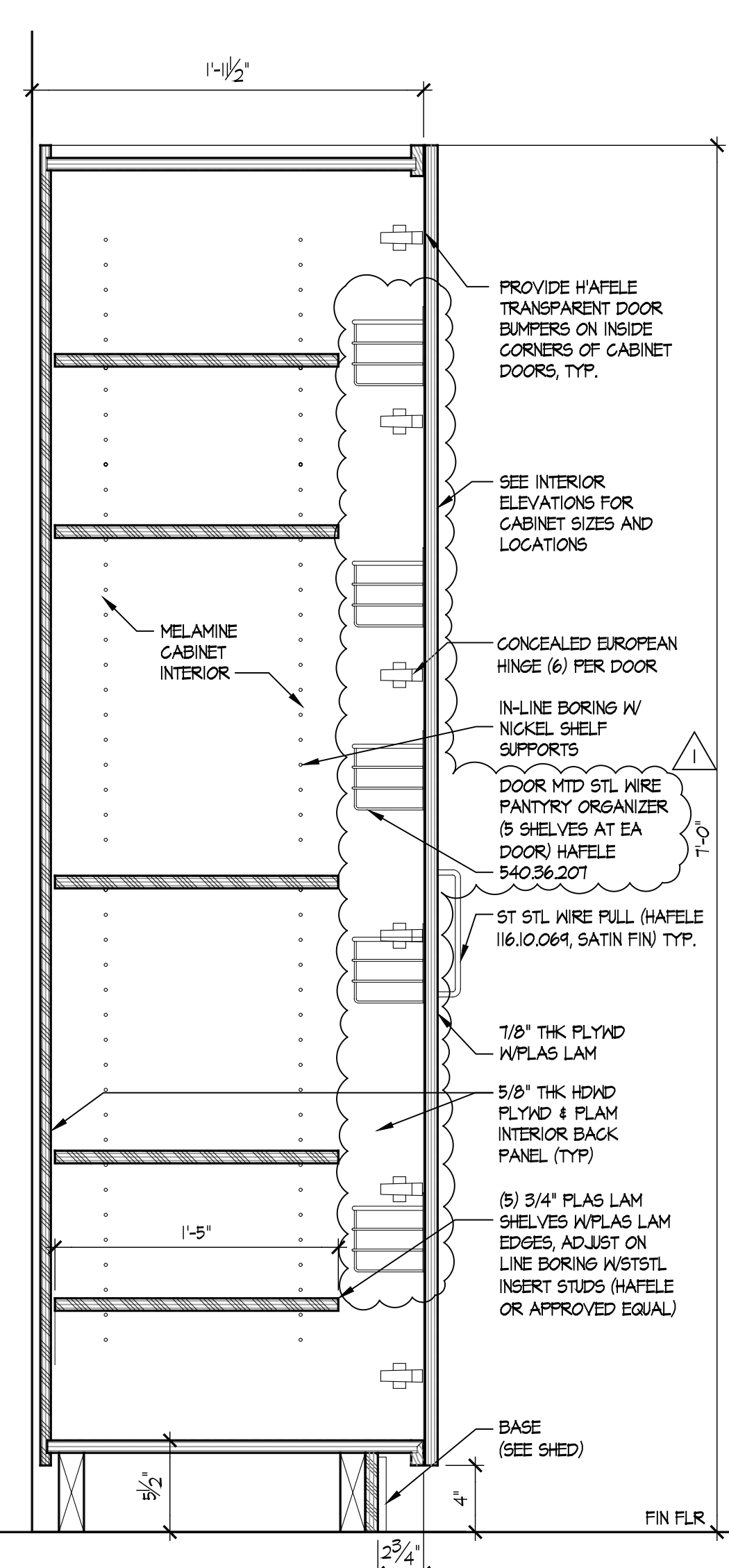
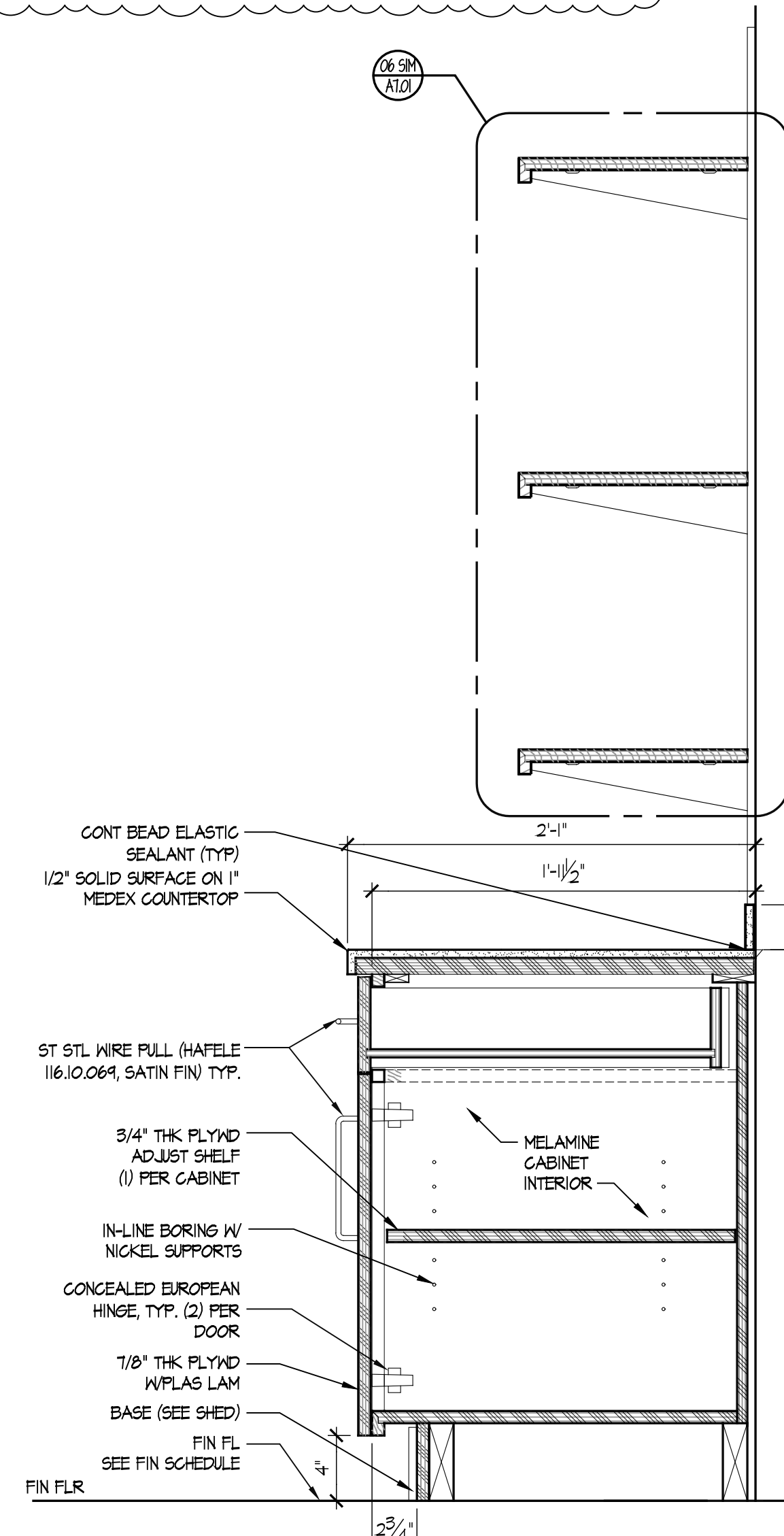
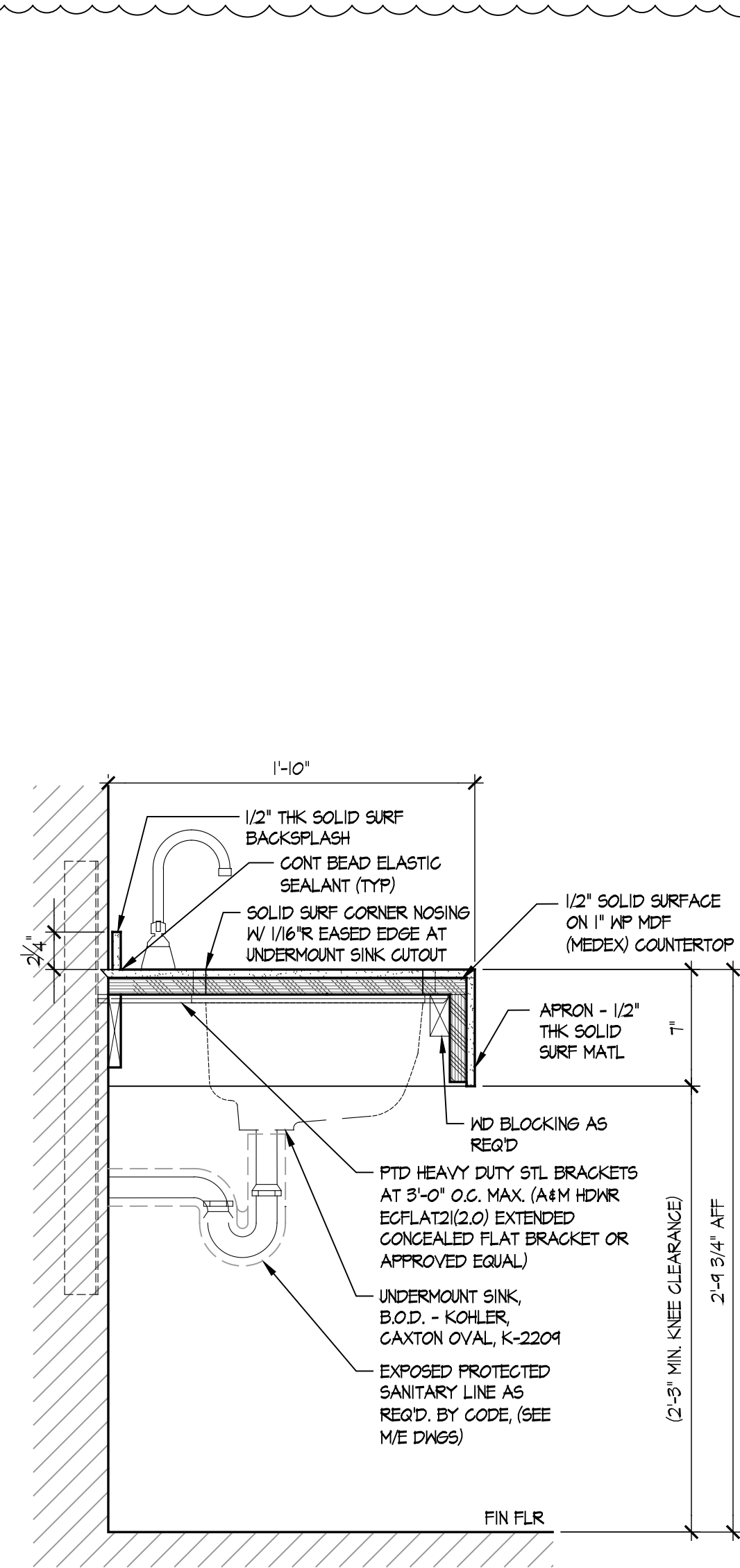
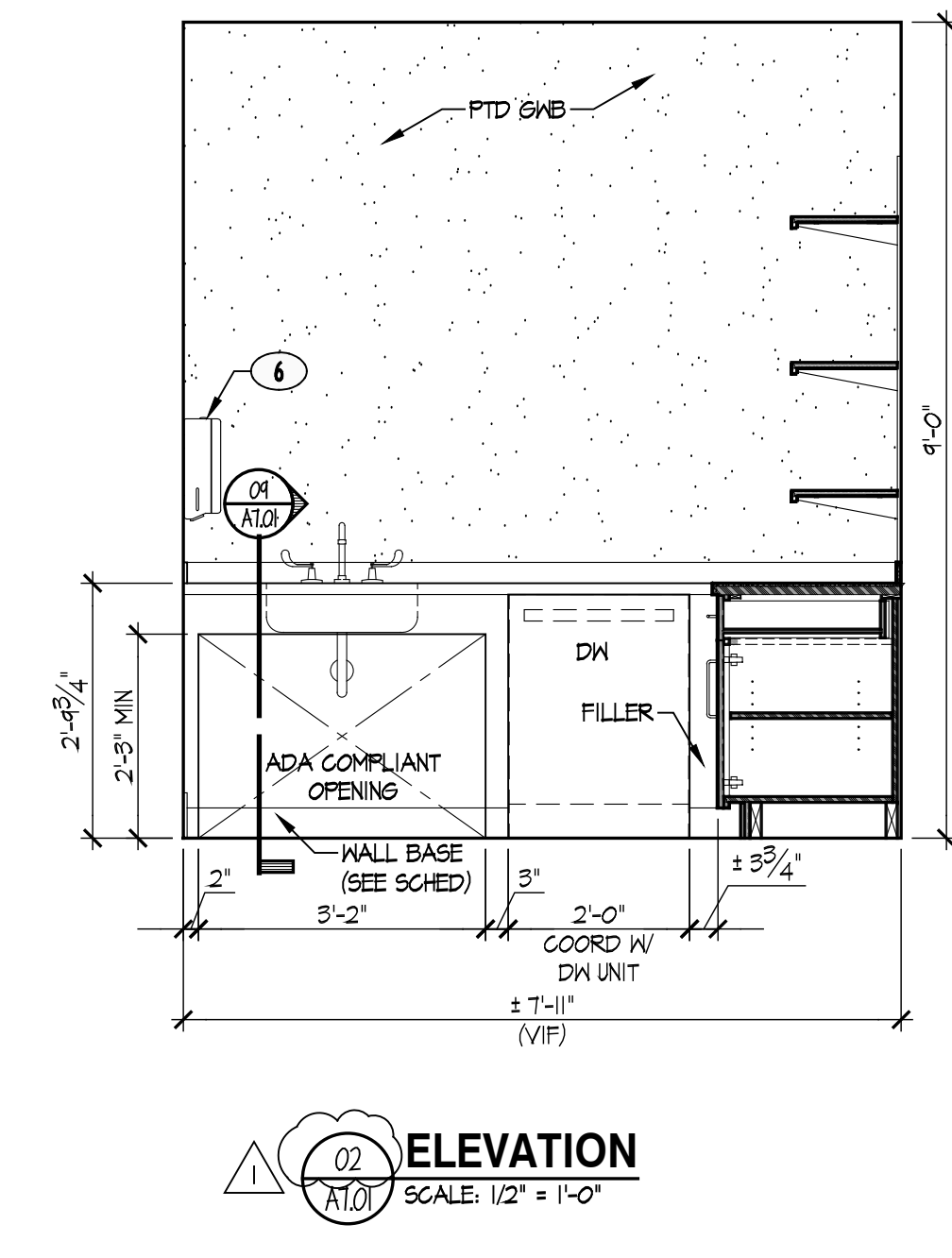
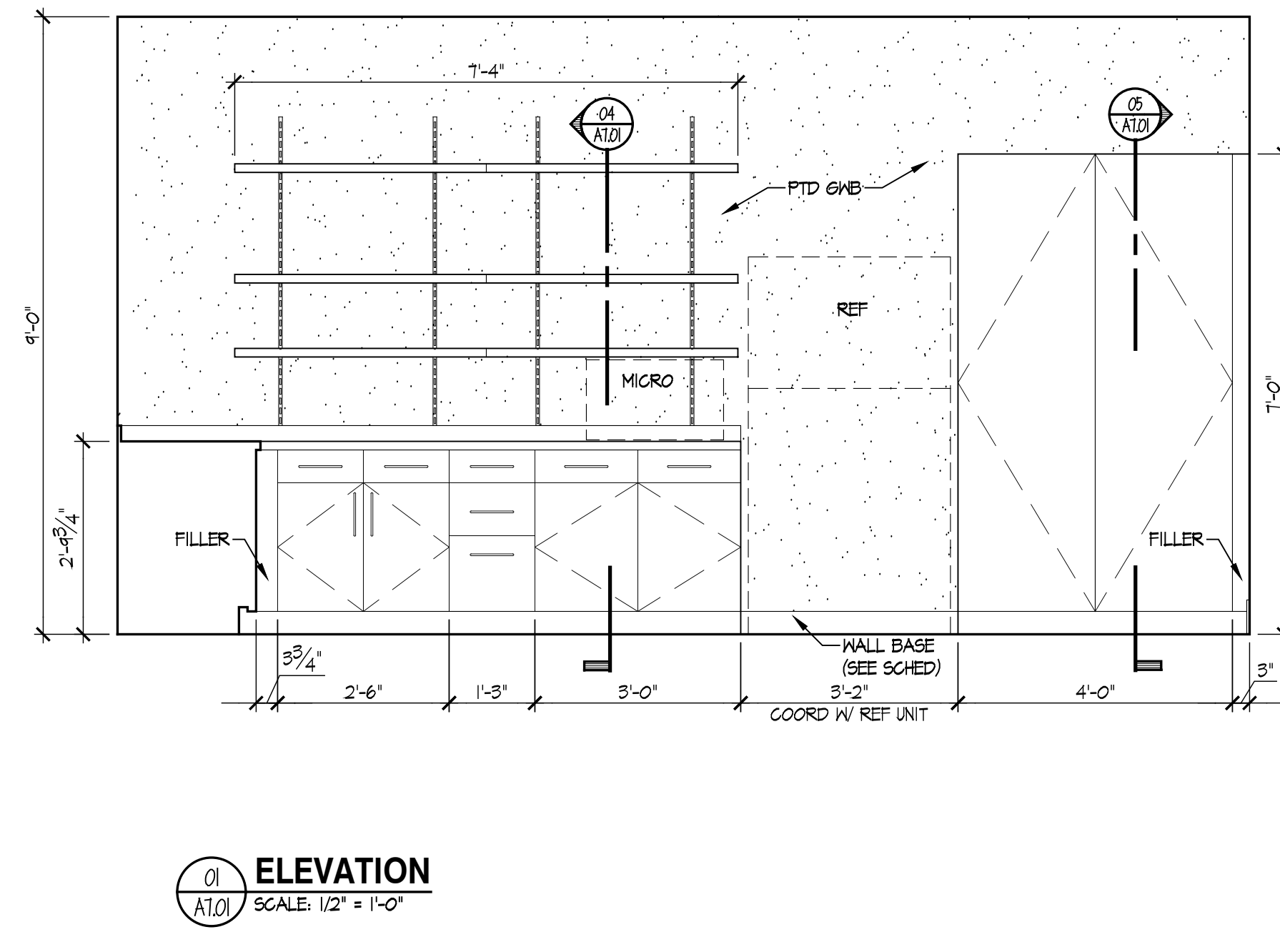
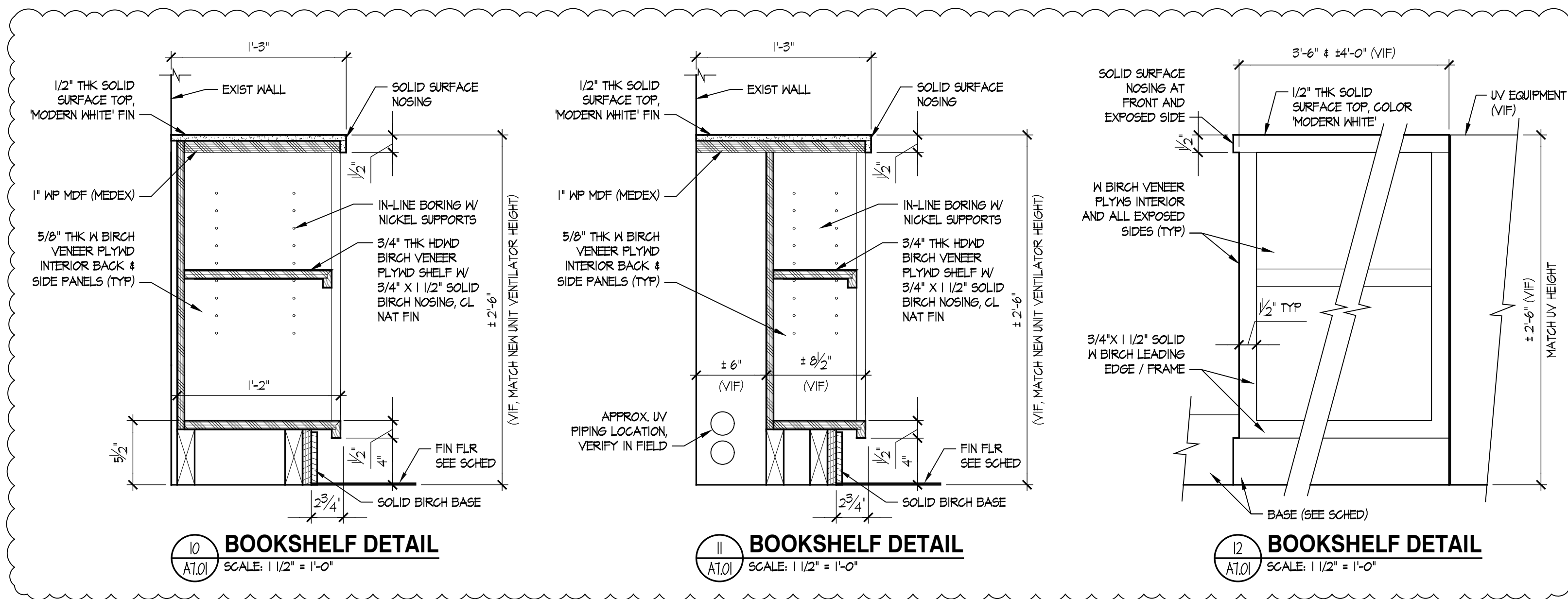
DATE: 10.16.23

SCALE: AS NOTED

A7.00

NOTES

- FABRICATE CABINET CONSTRUCTION USING GARNICA "PLMA-PLY" HD MD COMPONENTS FOR CABINET UNITS, SHELVES, AND PANELS, (REFER TO SPECIFICATIONS)
- FABRICATE PLASTIC LAMINATE INTERIORS AND SHELVES USING 1/4" GRADE COMMODITY "WHITE" PLASTIC LAMINATE W/ BALANCED BACKS AND 1 MIL PLAM EDGE BANDING.
- FABRICATE SOLID SURFACE COUNTERTOPS USING 1" THK "MEDEX" WATERPROOF MDF AND 1/2" CORIAN TYP. (SEE SPECIFICATIONS)



1/13/2023
ADDENDUM #2

PROFESSIONAL SEAL

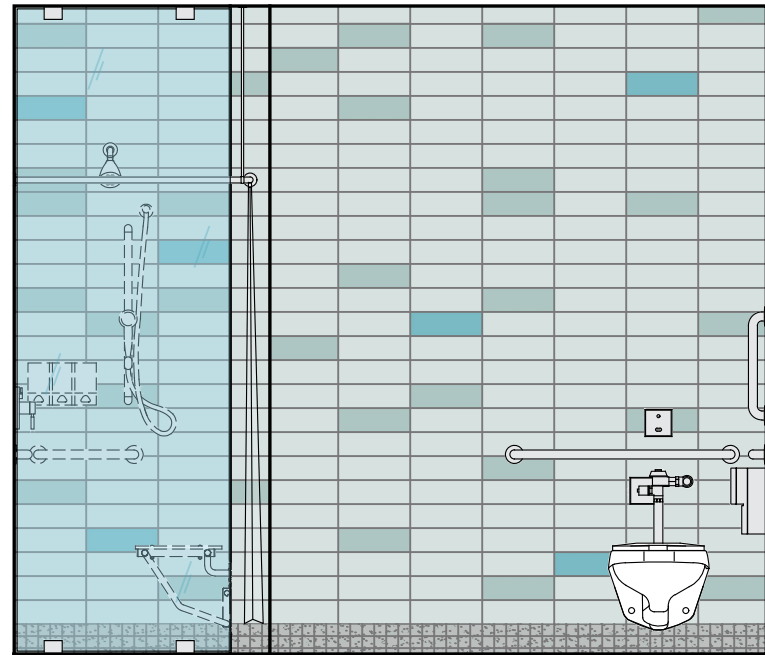
KAUTTER & KELLEY ARCHITECTS
5 Belmont Avenue
Wyomissing, PA 19810
Tel: 610.372.9980
www.kautterkelley.com

RHS RENOVATIONS - RED KNIGHT'S KEEP
READING SCHOOL DISTRICT
800 WASHINGTON STREET
READING, PA 19601

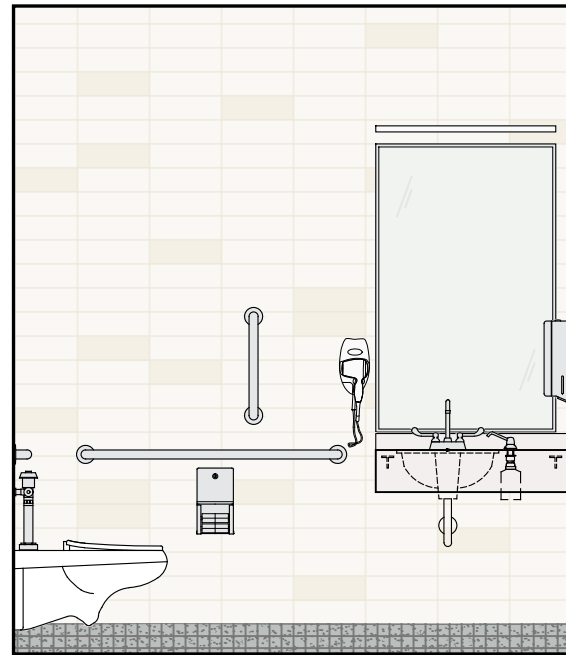
INTERIOR ELEVATIONS & DETAILS

PROJ. NO.: 2204
DATE: 10/16/23

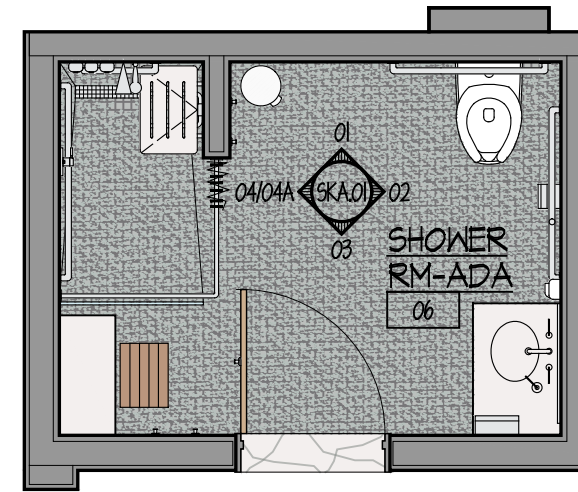
SCALE: AS NOTED **A7.01**



01 INT ELEV - ADA SHOWER 06
SKA.01 SCALE: 3/8" = 1'-0"



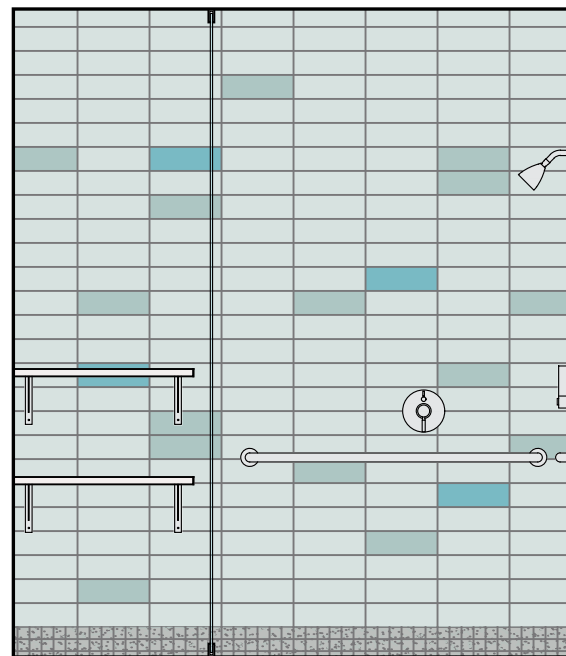
02 INT ELEV - ADA SHOWER 06
SKA.01 SCALE: 3/8" = 1'-0"



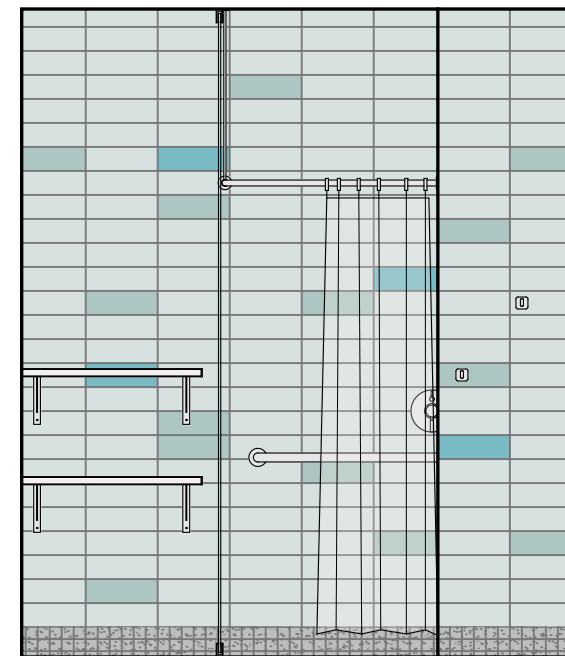
05 ENLARGED PLAN - ADA SHOWER 06
SKA.01 SCALE: 1/4" = 1'-0"



03 INT ELEV - ADA SHOWER 06
SKA.01 SCALE: 3/8" = 1'-0"



04 INT ELEV - ADA SHOWER 06
SKA.01 SCALE: 3/8" = 1'-0"



04A INT ELEV - ADA SHOWER 06
SKA.01 SCALE: 3/8" = 1'-0"

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READING, PA 19601

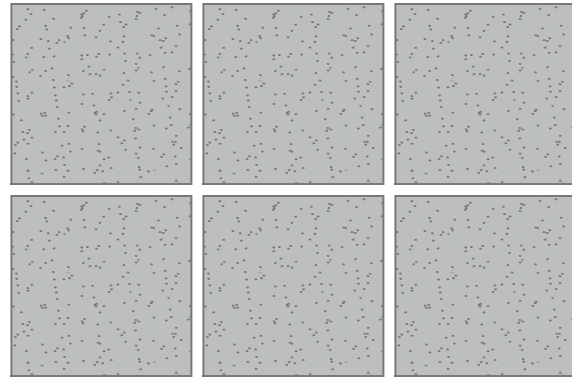
ADA SHOWER 06 - TILE
INTERIOR ELEV & PLAN

PROJ. NO.: 2204

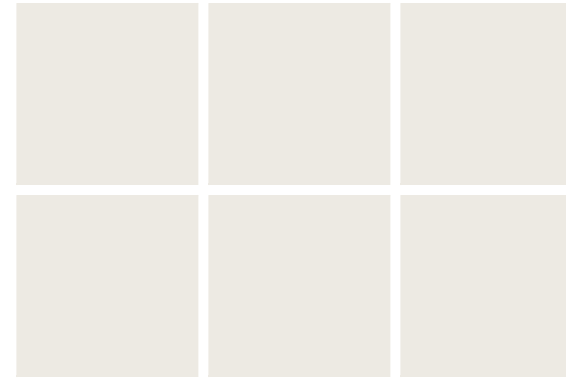
DATE: 11.13.23

SCALE: AS NOTED

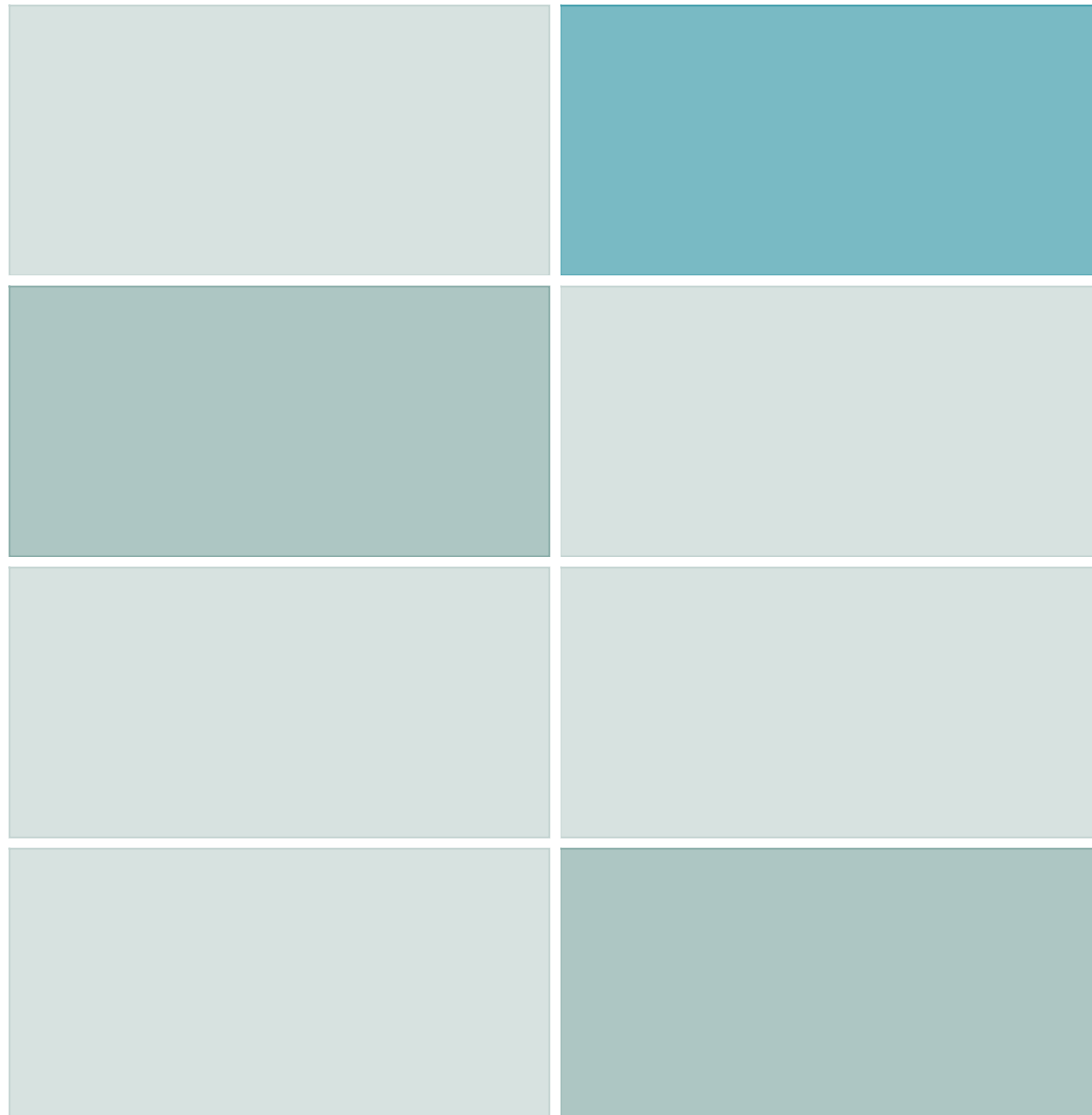
SKA.01



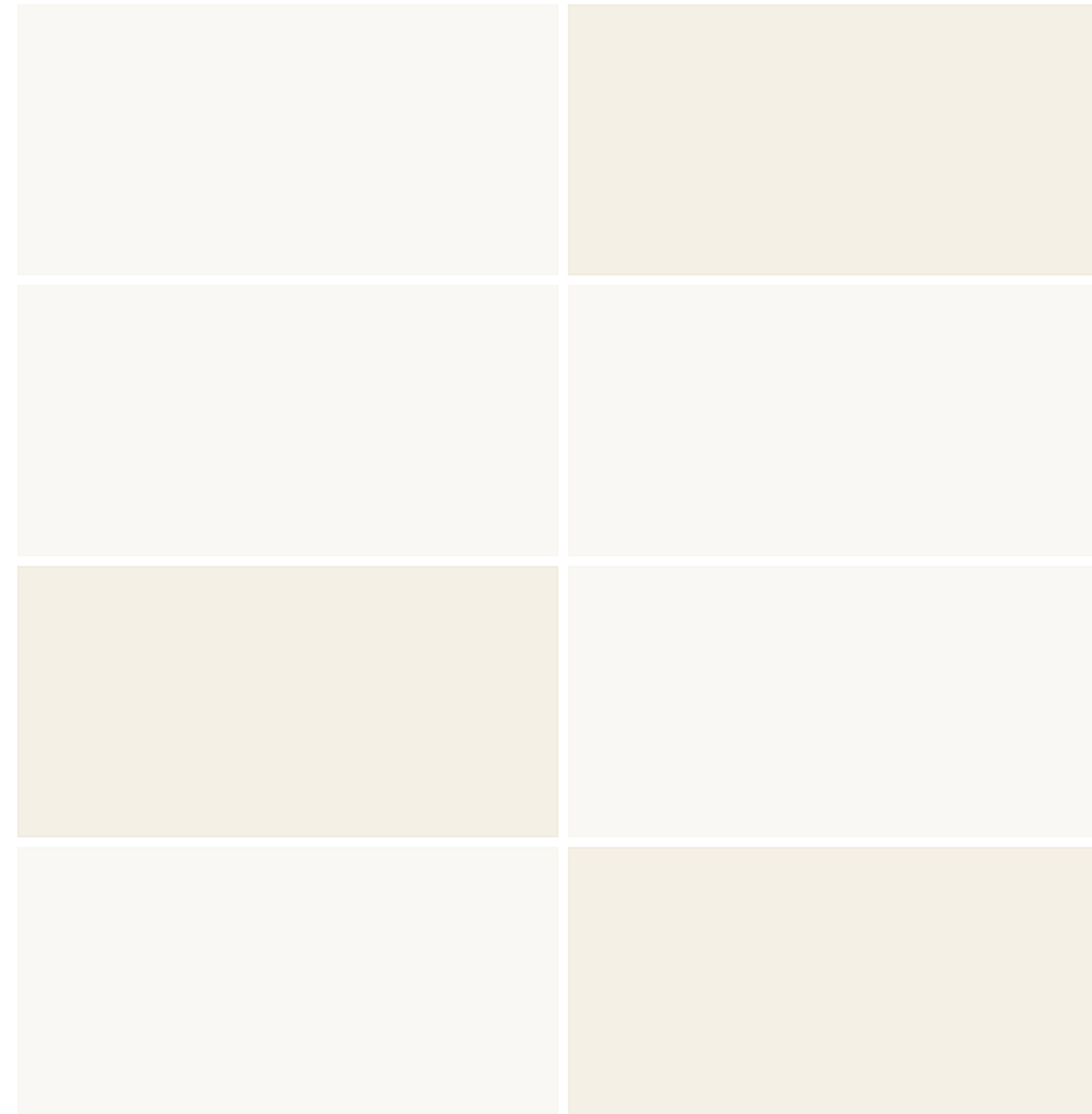
FLOOR TILE 2X2 (CFT 2)
Storm Gray Speckled A06



CEILING TILE 2X2 (CFT 3)
Arctic White D617



ACCENT WALL TILE 4X12 (CWT 2)
91% Restore 0058
7% Fresh 0031
2% Peacock Blue 0084



WALL TILE 4X12 (CWT 1)
90% Arctic White 190
10% Biscuit K175

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READING, PA 19601

CERAMIC TILE

PROJ. NO.: 2204

DATE: 11.13.23

SCALE: AS NOTED

SKA.02